



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860

FAX: (406) 245-1365 ☐

FAX: (406) 245-1361 ☒

June 21, 1995

-- VIA FEDERAL EXPRESS --

**Bureau of Land Management
170 South 500 East
Vernal, UT 84078**

Gentlemen:

Enclosed are Applications for Permit to Drill the following wells:

Balcron Monument Federal #11-22-8-17Y

Balcron Monument Federal #22-22-8-17Y

As Operator, we hereby request that the status of these wells be held tight for the maximum period allowed by regulations.

Please note that these proposed wellsites and access routes are on private surface. A copy of the Private Surface Owner Waiver and Surface Agreement will be provided shortly.

If you have any questions or need additional information, please give me a call at (406) 259-7860.

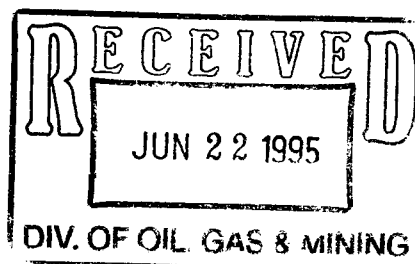
Sincerely,

**Bobbie Schuman
Regulatory and
Environmental Specialist**

/hs

Enclosures

cc: Utah Division of Oil, Gas and Mining



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

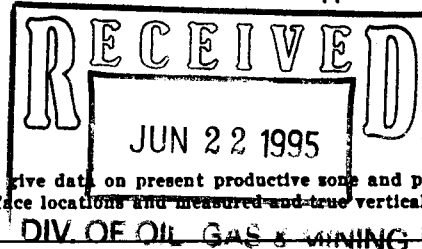
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. Federal #U-66191
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME n/a
2. NAME OF OPERATOR Equitable Resources Energy Company, Balcron Oil Division			7. UNIT AGREEMENT NAME n/a
3. ADDRESS OF OPERATOR 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860			8. FARM OR LEASE NAME Balcron Monument Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface NW NW Section 22, T8S, R17E 635' FNL, 658' FWL At proposed prod. zone			9. WELL NO. #11-22-8-17Y
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 10.5 miles southwest of Myton, Utah			10. FIELD AND POOL, OR WILDCAT Monument Butte/Green River
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 6,500'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,175' GL			22. APPROX. DATE WORK WILL START* 10/1/95

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached	Drilling Program/Casing Design			

Operator proposes to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

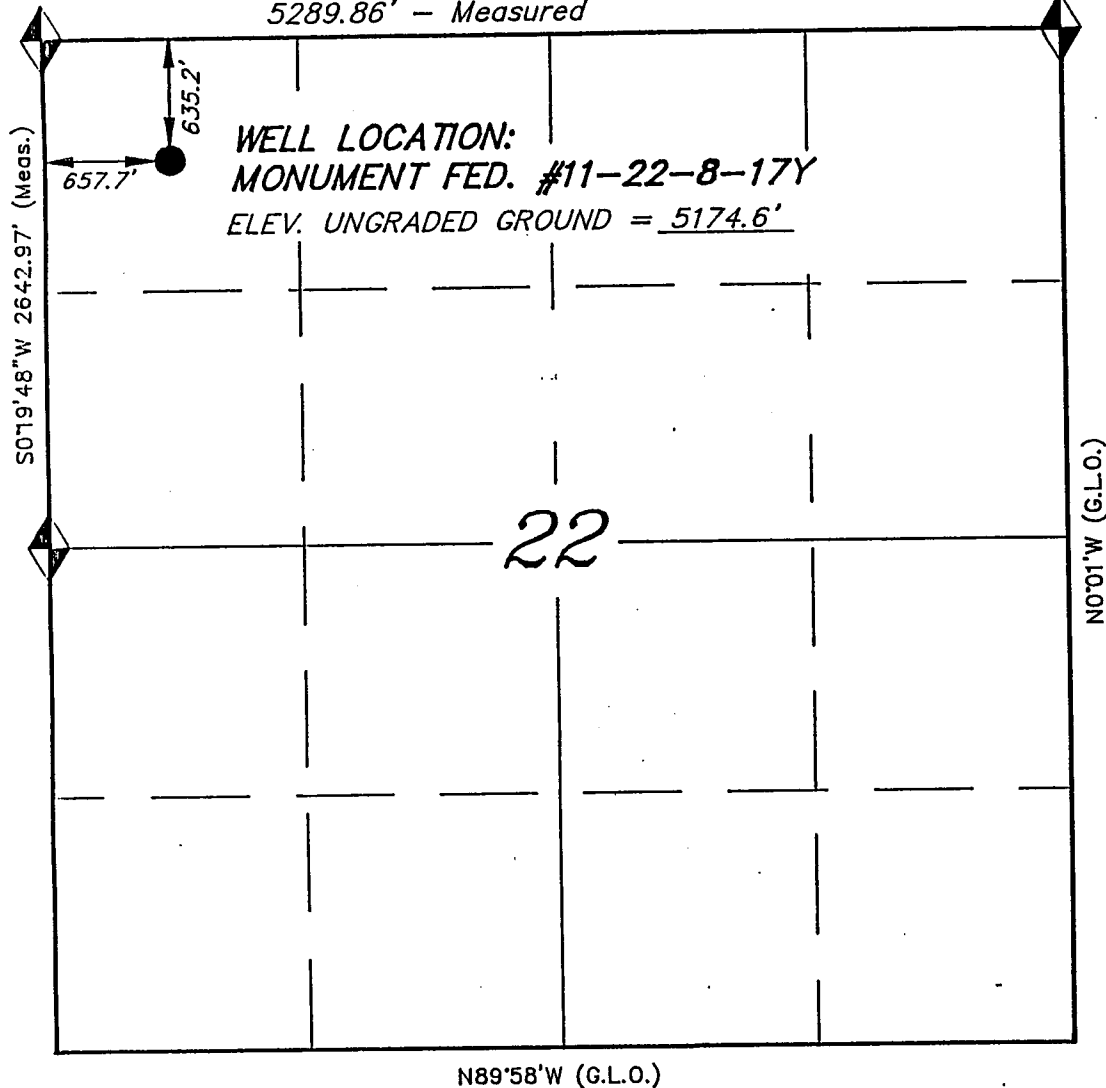
24. SIGNED Robbie Schuman TITLE Regulatory and Environmental Specialist DATE June 21, 1995
(This space for Federal or State office use)

PERMIT NO. 43-013-31539 APPROVAL DATE 8/17/95
APPROVED BY [Signature] TITLE Geological Engineer DATE 8/17/95
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

T8S, R17E, S.L.B.&M.

N89°18'28"W (Assumed) Basis of Bearings
5289.86' - Measured



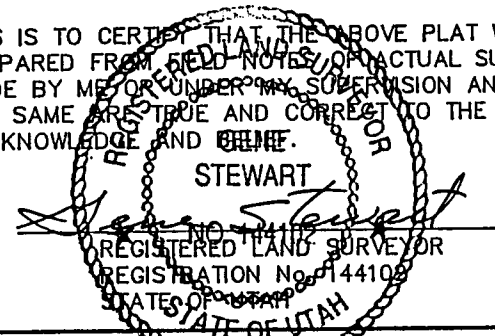
EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL
#11-22-8-17Y, LOCATED AS SHOWN IN
THE NW 1/4 NW 1/4 OF SECTION 22,
T8S, R17E, S.L.B.&M. DUCHESNE COUNTY,
UTAH.

Bearings shown are
assumed but relative



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING
38 EAST 100 NORTH, VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: GS DA
DATE: 5-26-95	WEATHER: RAINY & COOL
NOTES:	FILE 22-22YL



= SECTION CORNERS LOCATED

BASIS OF BEARINGS; G.L.O. DATED 1909

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

EXHIBIT "K"

EXHIBITS

- A PROPOSED DRILLING PROGRAM
- B PROPOSED SURFACE USE PROGRAM
- C GEOLOGIC PROGNOSIS
- D DRILLING PROGRAM/CASING DESIGN/WELLBORE DIAGRAM
- E HAZMAT DECLARATION
- F EXISTING & PLANNED ACCESS ROADS (MAPS A & B)
- G WELLSITE LAYOUT
- H BOPE SCHEMATIC
- I EXISTING ROADS (MAP C)
- J PROPOSED PRODUCTION FACILITY DIAGRAM
- K SURVEY PLAT
- L LAYOUT/CUT & FILL DIAGRAM

6/19/95

CONFIDENTIAL

AS OPERATOR, WE HEREBY REQUEST THAT THE STATUS OF THIS WELL BE HELD TIGHT FOR THE MAXIMUM PERIOD ALLOWED BY FEDERAL AND STATE REGULATIONS.

Equitable Resources Energy Company,
Balcron Oil Division
1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860

PROPOSED DRILLING PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY
Balcron Oil Division
Balcron Monument Federal #11-22-8-17Y
NW NW Section 22, T8S, R17E
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

See Geologic Prognosis (EXHIBIT "C")

2. ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:

See Geologic Prognosis (EXHIBIT "C")

3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

- a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.
- b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.
- c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.
- d. An upper kelly cock will be used during the drilling of this well.

- e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.
- f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.00, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- E. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following attachment:

Drilling Program/Casing Design (EXHIBIT "D")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:

- a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.
- b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.
- c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon after APD approval as possible.

- b. These drilling operations should be completed within 12 days after spudding the well depending on weather and hole conditions.
- c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.
- d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

7. OTHER

- a. Operator requests a variance to regulations requiring a straight run blooie line.
- b. Operator requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line.

SURFACE USE PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY
Balcron Oil Division
Balcron Monument Federal #11-22-8-17Y
NW NW Section 22, T8S, R17E
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162.3-1 (d):

1. EXISTING ROADS:

- a. From Myton, Utah, take Highway #40 west out of town 1.6 miles to the Sand Wash road. Go south on the Sand Wash road for approximately 7.0 miles to a road intersection. Turn left and proceed 3.0 to a road intersection. Turn left and continue 0.4 miles to an intersection with an existing jeep trail. Turn right and follow jeep trail 0.1 mile to location.
- b. Existing roadways need no improvements for these drilling operations.
- c. All existing roads used by these drilling operations will be maintained in the same or better condition as were existing prior to entry.
- d. See EXHIBIT "F" Maps A and B for access route.

2. PLANNED ACCESS ROADS: See EXHIBIT "F" Maps A & B

- a. No new access is required.
- b. All access is on private surface so no Federal Right-of-Way should be required for access.
- c. All travel will be confined to location and access routes.

3. LOCATION OF EXISTING WELLS:

See EXHIBIT "I" Map C.

4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

- a. See EXHIBIT "J" which is the proposed production facility diagram.

5. LOCATION AND TYPE OF WATER SUPPLY:

- a. The drilling water source will be obtained from a private source owned by Joe Shields.
- b. The drilling water will be hauled by truck to the location site.

6. CONSTRUCTION ROAD/LOCATION MATERIALS:

- a. Any construction materials which are required will be native materials from the location and/or access site.
- b. All construction materials for this location site and access road shall be borrowed material accumulated during the construction of the site and road. No additional construction material from other sources is anticipated at this time.
- c. Reasonable precautions will be taken to protect all lands.

7. METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL:

- a. Garbage will be stored in a dumpster and disposed of according to local and state regulations, at an approved facility. Disposal will not be allowed on location. No trash will be disposed of in the reserve pit.
- b. Fluids produced during the completion operation will be collected in test tanks. Any spills of oil, gas, salt water or other noxious fluids will be cleaned up and hauled to an approved disposal site. Burning will not be allowed.
- c. The reserve pit will be lined.
- d. Saltwater or testing tanks will be located and/or diked so that any spilled fluids will flow into the reserve pit. Saltwater tanks will not be placed on topsoil stockpiles.

e. Sewage will be disposed of according to county and state requirements. Sealed chemical portable toilets will be on location during these drilling operations. Waste and chemicals will not be disposed of on location.

g. Cuttings will be deposited in the reserve pit.

8. ANCILLARY FACILITIES:

None anticipated.

9. LOCATION SITE LAYOUT:

a. The proposed location site and elevation plat is shown on EXHIBIT "K".

b. The drill pad layout, showing elevations, orientation, and access to the pad is shown on EXHIBIT "L".

c. The drilling rig facilities layout is shown on EXHIBIT "G". No permanent living facilities are planned. There will be two or three trailers on location during drilling operations.

10. PLANS FOR RECLAMATION OF LOCATION SITE:

Reclamation will be done in accordance with the agreement with the surface owner.

11. SURFACE OWNERSHIP:

L. Clark Roberts
Route 3, Box 3675
Myton, UT 84052

12. OTHER INFORMATION:

a. The surface owner has waived any archeological surveys.

b. Operator will have on site a copy of the Surface Use Program and a copy of the supplemental conditions.

c. Downhole drilling operations will be conducted in accordance with the Bureau of Land Management conditions of approval when received. Surface operations will be conducted in accordance with the agreement reached with the surface owner.

14. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Equitable Resources Energy Company's Balcron Oil Division and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

June 21, 1995
Date

Bobbie Schuman
Bobbie Schuman
Regulatory and Environmental
Specialist
Equitable Resources Energy
Company, Balcron Oil Division

/rs

Balcron Oil Well Prognosis

EXHIBIT "C"

Well Name	BALCRON MONUMENT FEDERAL #11-22-8-17Y		Exploratory		Control Well	BMF #12-22Y
Location	NWNW SEC 22-T8S-R17E (635' FNL, 658' FWL)		Development	X	Operator	EREC-BOD
County	DUCHESNE		Field		KB	5202
State	UTAH		Section	NWNW 22	Section	SWNW 22
Total Depth	6500		Township	8S	Township	8S
GL (Ung)	5175	EST. KB 5184	Range	17E	Range	17E

Formation Tops	Prognosis		Sample Top		Control Well	High/Low		
Formation	Depth	Datum	Depth	Datum	Datum	Prog	Cntl	Deviation
UINTA	SURFACE							
GREEN RIVER	1954	3230			3290			
HORSEBENCH SS	2842	2342			2402			
2ND GARDEN GULCH	4481	703			763			
Y-2 SAND (PAY)	4808	376			436			
Y-3 SAND (PAY)	4846	338			398			
YELLOW MARKER	5119	65			125			
DOUGLAS CREEK	5286	-102			-42			
R-2 SAND (PAY)	5368	-184			-124			
R-5 SAND (PAY)	5511	-327			-267			
2ND DOUGLAS CREEK	5559	-375			-315			
GREEN MARKER	5706	-522			-462			
BLACK SHALE FACIES	6044	-860			-800			
CARBONATE MARKER	6155	-971			-911			
B-1 SAND (PAY)	6194	-1010			-950			
TD	6500							

Samples	DST,s	Wellsite Geologist
50' FROM 1900' TO 4450'	DST #1 NONE	Name: _____
30' FROM 4450 TO TD	DST #2 _____	From: _____ to: _____
5' THROUGH EXPECTED PAYS	DST #3 _____	Address: _____
5' THROUGH DRILLING BREAKS	DST #4 _____	Phone # _____ wk.
		_____ hm.
		Fax # _____
Logs	Cores	Mud Logger/Hot Wire
DLL FROM SURF CSG TO TD	Core #1 NONE	Company: _____
LDT/CNL FROM 4000' TO TD	Core #2 _____	Required: (Yes/No) YES
	Core #3 _____	Type: TWO MAN
	Core #4 _____	Logger: _____
		Phone # _____
		Fax # _____
Comments: _____		
Report To: 1st Name: DAVE BICKERSTAFF	Phone # (406)259-7860	wk. 245-2261 hm.
2nd Name: KEVEN REINSCHMIDT	Phone # "	wk. 248-7026 hm.
Prepared By: K.K. REINSCHMIDT 6/16/95	Phone #	wk. hm.



**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION

DRILLING PROGRAM

WELL NAME: Balcron Monument Fed.#11-22-8-17Y
PROSPECT/FIELD: Pariette Draw
LOCATION: NW NW Section 22 Twn. 8S Rge. 17E
COUNTY: Duchesne
STATE: Utah

DATE: 6-16-95

TOTAL DEPTH: 6500'

HOLE SIZE INTERVAL

12 1/4"	Surface to 260'
7 7/8"	260' to 6500'

CASING

INTERVAL

CASING

STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0	260'	8 5/8"	24	J55
Production Casing	0	6500'	5 1/2"	15.50	K55

CEMENT PROGRAM

Surface Casing	150 sacks class "G" with 2% CaCl and 1/4 lb/sack Flocele. (Cement will be circulated to surf.)
Production Casing	250 sacks Thrifty Lite and 400 sacks 50-50 Poz. (Actual cement volumes will be calculated from caliper log with cement top at 2000')

**PRELIMINARY
DRILLING FLUID PROGRAM**

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and Air Mist	0	260'	N.A.	N.A.	N.A.
Air/Airmist/KCl wtr	260'	6500'	8.7-8.9	N.A.	N.A.

COMMENTS

1.) No Cores or DSTs are planned for this well.

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: #11-22-8-17Y
Project ID:	Location: Duchesne/utah

Design Parameters:

Mud weight (9.00 ppg) : 0.468 psi/ft
 Shut in surface pressure : 2389 psi
 Internal gradient (burst) : 0.100 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Body Yield : 1.50 (B)
 Overpull : 0 lbs.

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost	
1	6,500	5-1/2"	15.50	K-55	ST&C	6,500	4.825		
	Collapse Load Strgth S.F. (psi) (psi)			Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth S.F. (kips) (kips)		
1	3039	4040	1.329	3039	4810	1.58	100.75	222	2.20 J

Prepared by : McCoskery, Billings, MT

Date : 06-16-1995

Remarks :

Minimum segment length for the 6,500 foot well is 1,500 feet.

The mud gradient and bottom hole pressures (for burst) are 0.468 psi/ft and 3,039 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1990 pricing model. (Version 1.0G)

EXHIBIT E

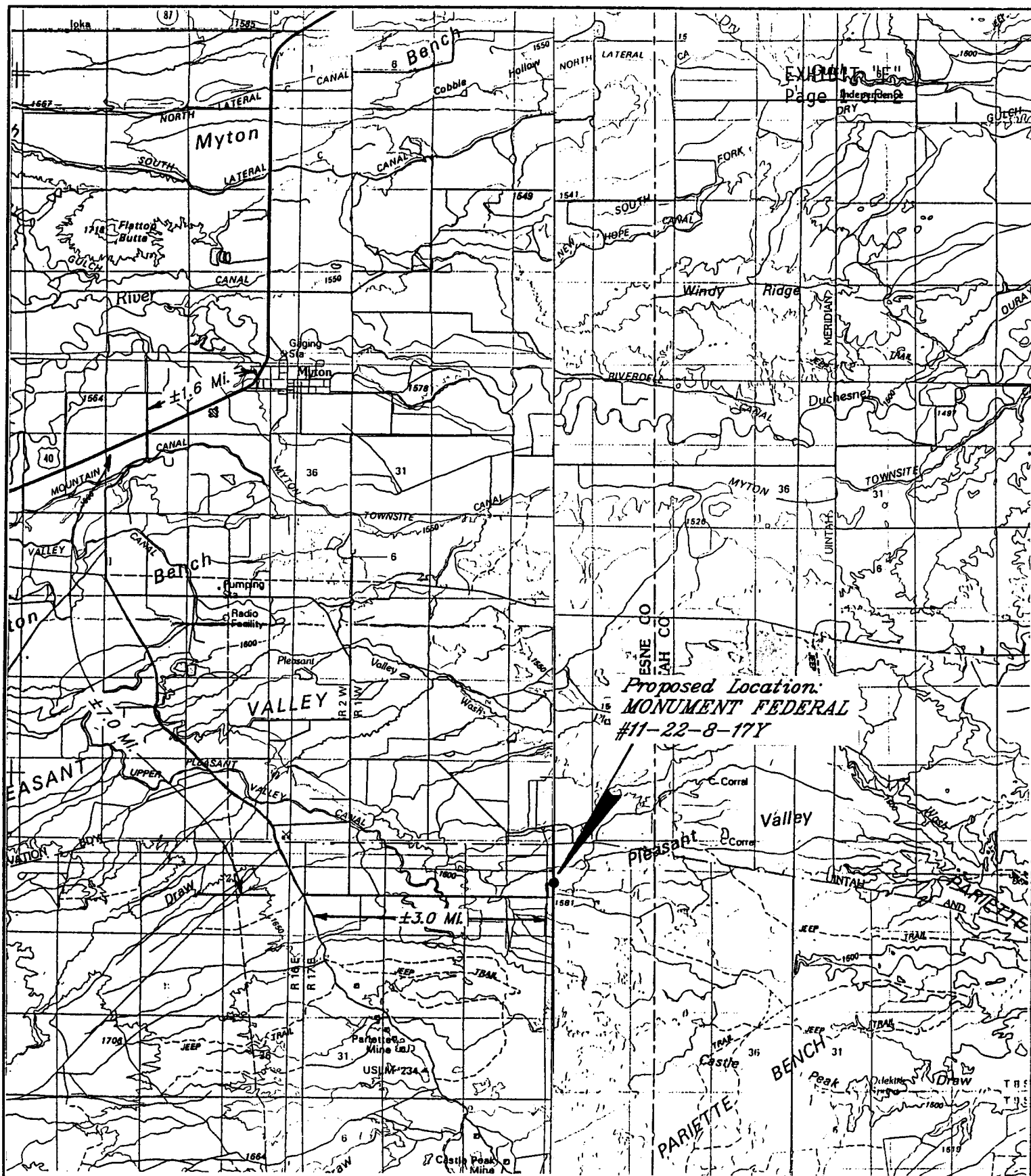
- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

- B. Extremely hazardous substances threshold quantities (per Howard Cleavinger 11/30/93) of which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

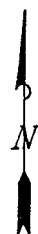
We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

12/1/93
Revised 12/7/93
/rs



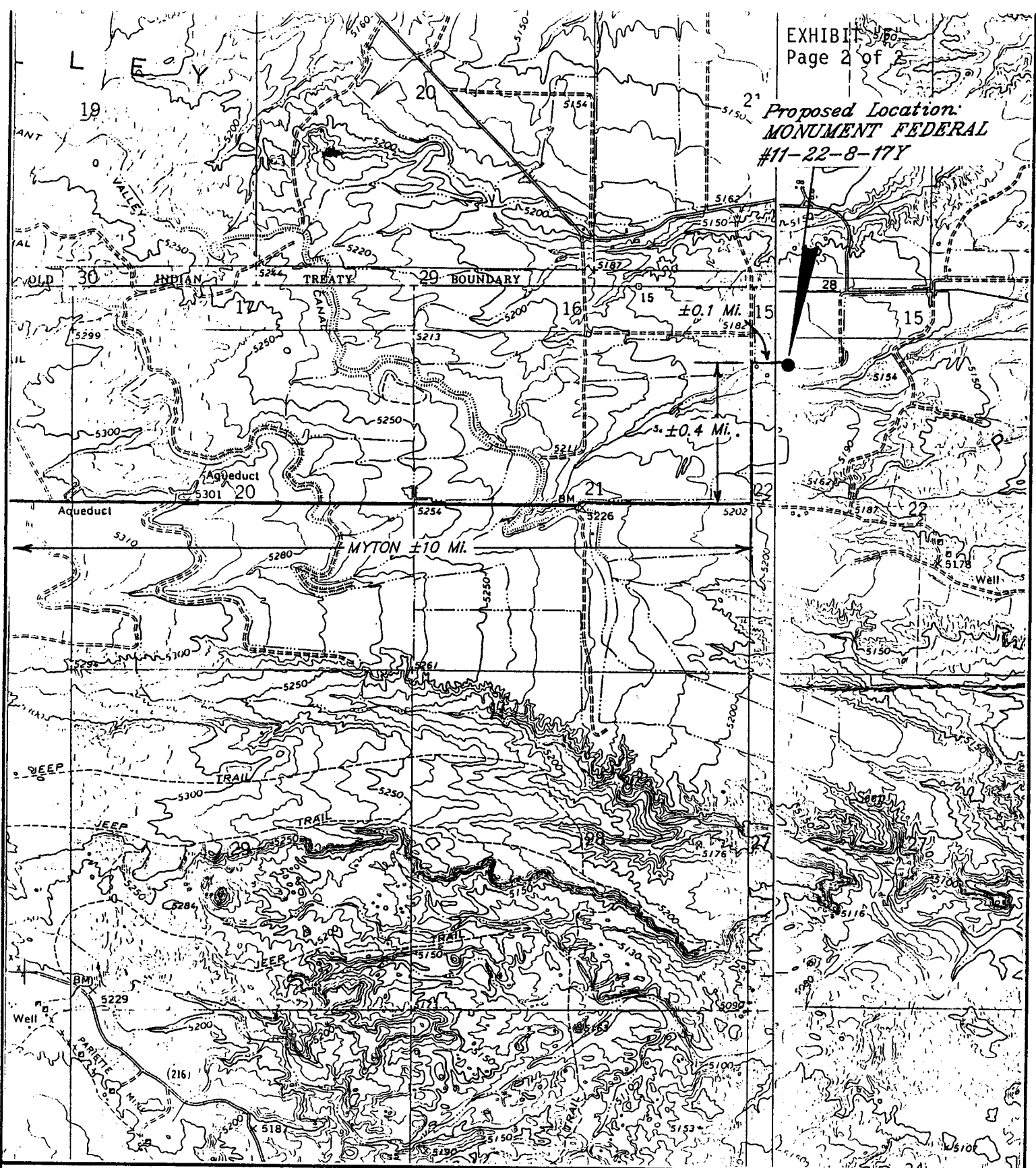
EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #11-22-8-17Y
SEC. 22, T8S, R17E, S.L.B.&M.
TOPO "A"



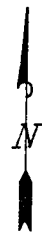
Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

*Proposed Location:
MONUMENT FEDERAL
#11-22-8-17Y*



EQUITABLE RESOURCES CO.

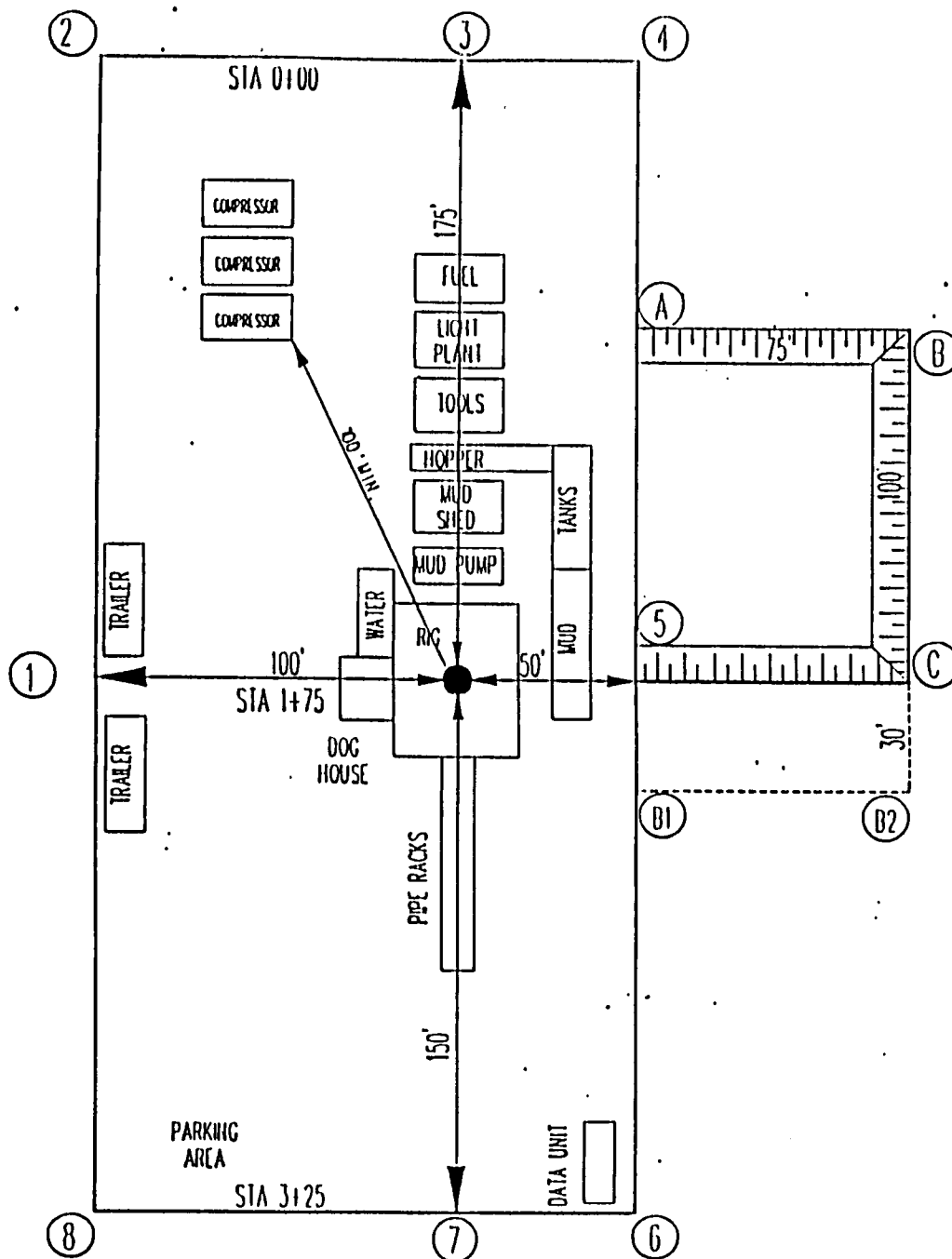
MONUMENT FEDERAL #11-22-8-17Y
SEC. 22, T8S, R17E, S.L.B.&M.
TOPO "B"



SCALE: 1" = 2000'

Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

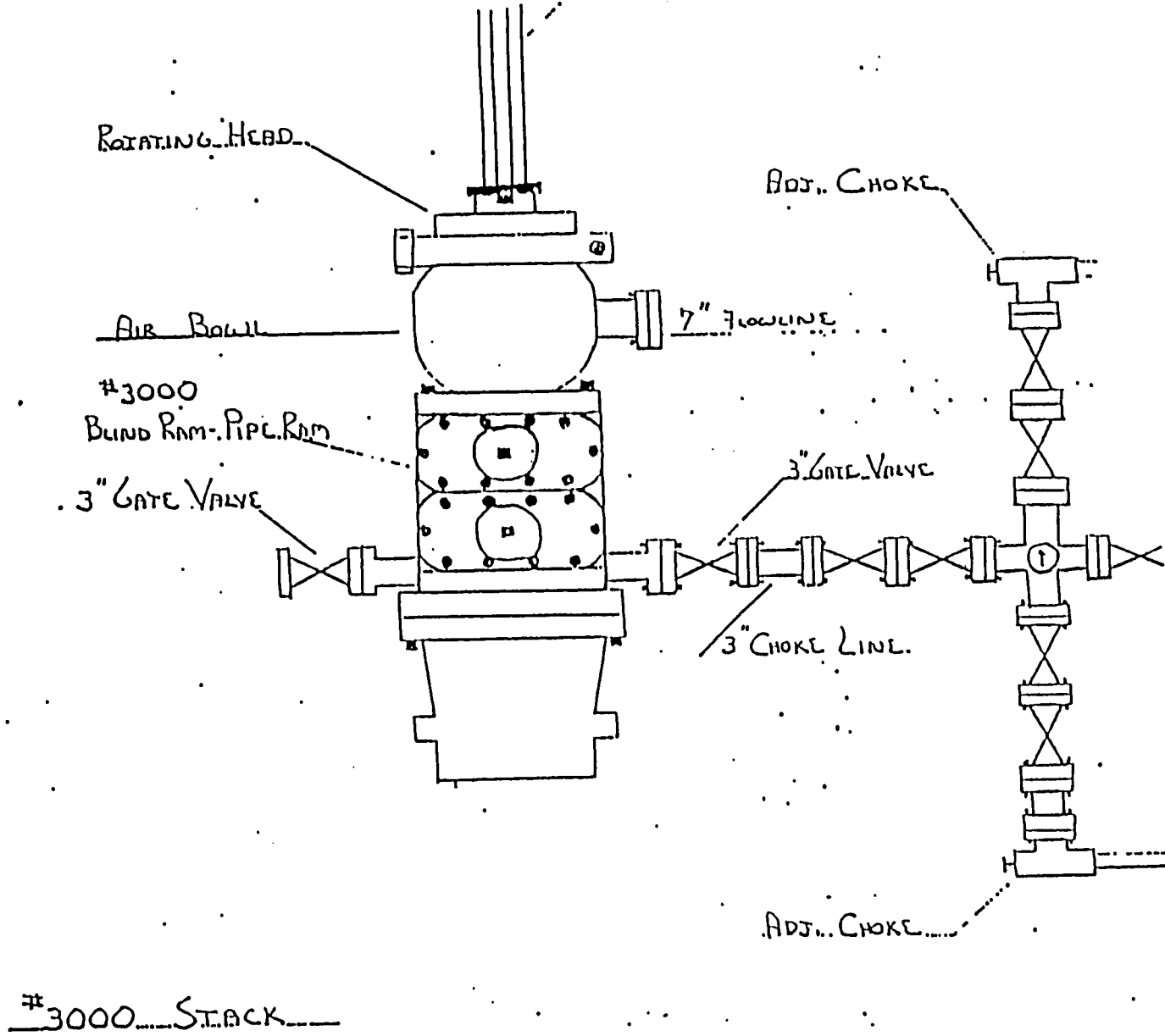
EQUITABLE RESOURCES ENERGY CO. WELLSITE LAYOUT

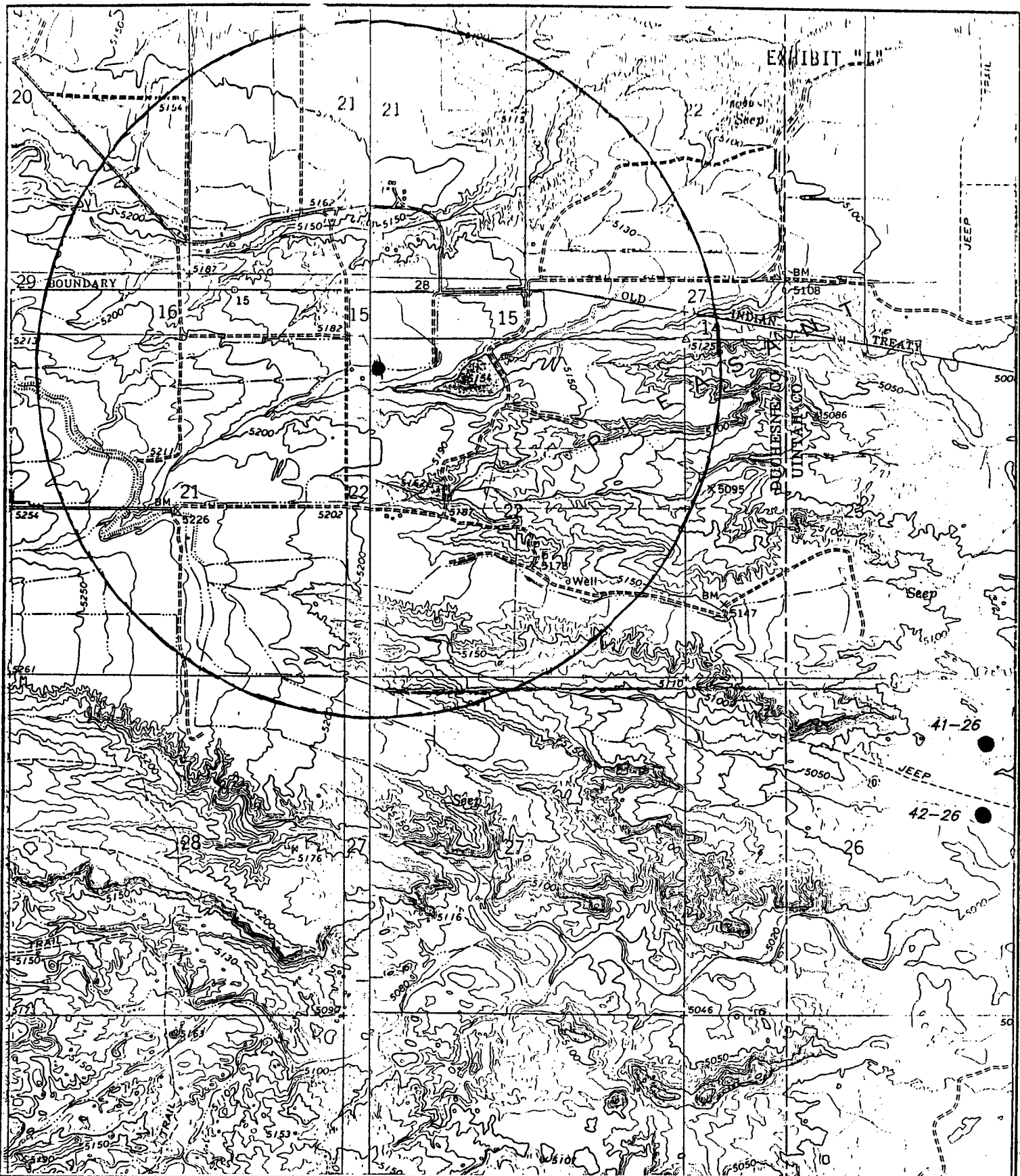


TRI-STATE
LAND SURVEYING, INC.
38 WEST 100 NORTH, VERNAL, UTAH 84408
801-781-2301

UNION DRILLING RIG #17

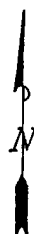
Hex Kelly





EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #11-22-8-17Y
 SEC. 22, T8S, R17E, S.L.B.&M.
 TOPO "C"



Tri State
 Land Surveying, Inc.
 (801) 781-2501
 38 WEST 100 NORTH VERNAL, UTAH 84078

Equitable Resources Energy Company
 Balcron Federal 11-22-8-17Y
 Proposed Production Facility Diagram

EXHIBIT "J"

Access Road

Balcron Federal 11-22-8-17Y
 NW NW Sec. 22, T8S, R17E
 Duchesne County, Utah
 Federal Lease #U-66191
 635' FNL, 658' FWL

VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN

DIKE

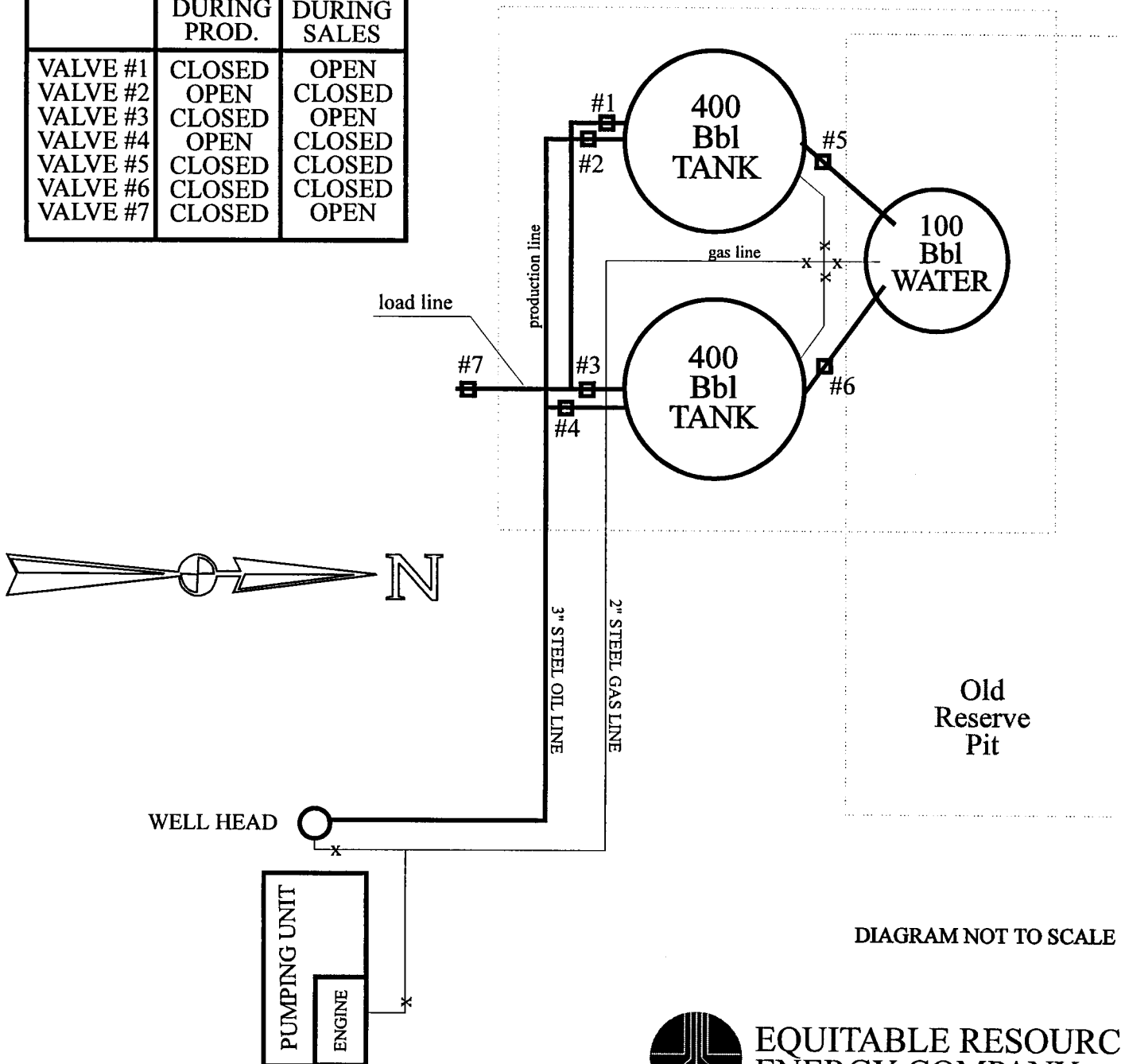


DIAGRAM NOT TO SCALE



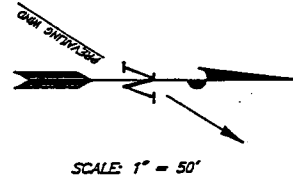
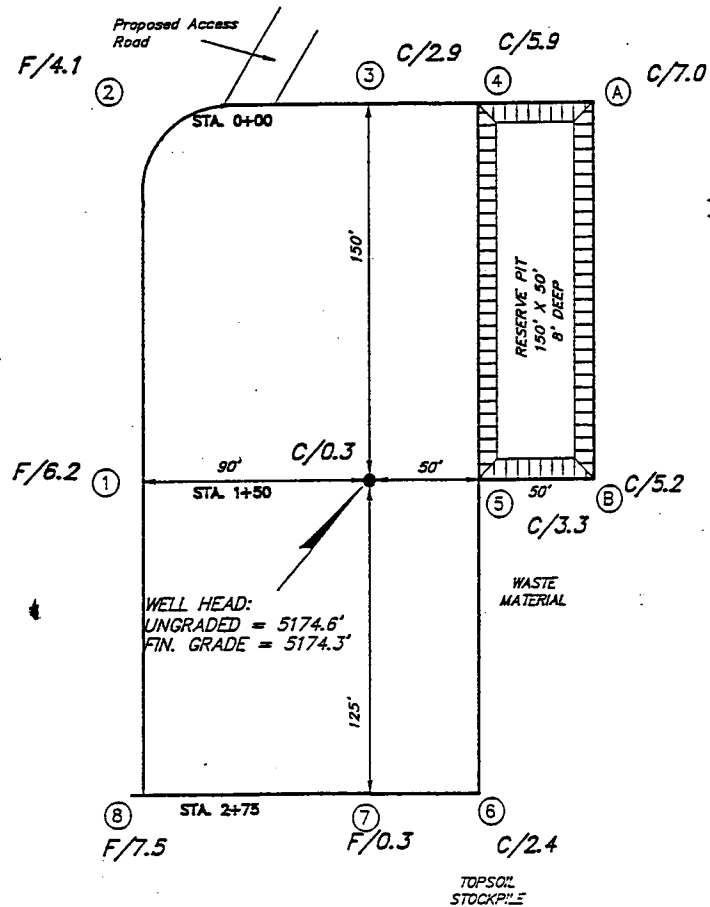
EQUITABLE RESOURCES
 ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
 Billings, MT 59104
 (406) 259-7860

EQUITABLE RESOURCES ENERGY CO.

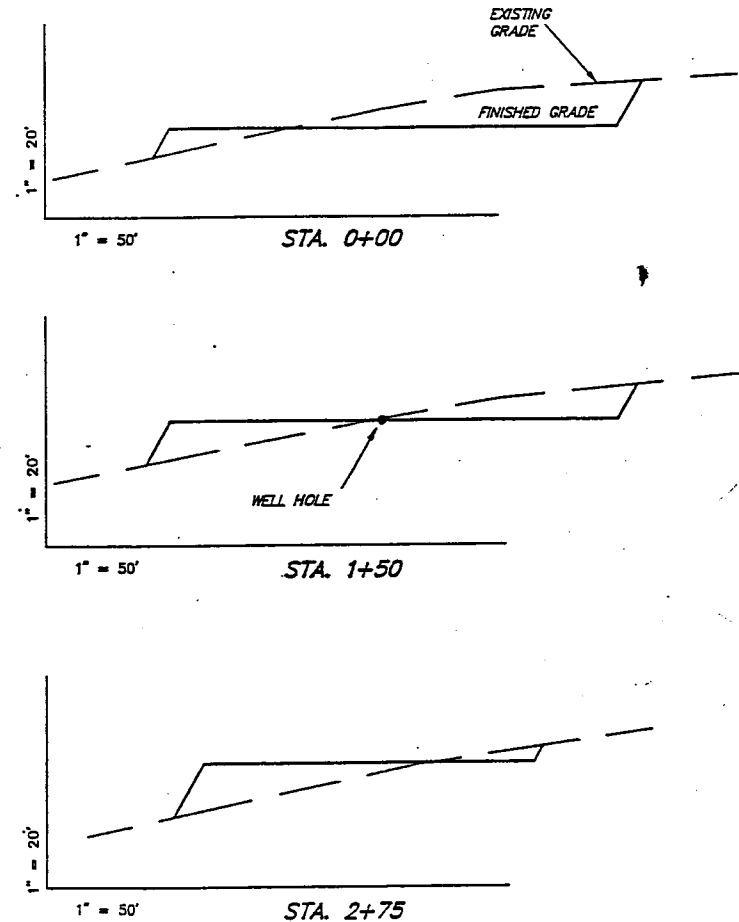
MONUMENT FEDERAL #11-22-8-17Y
SECTION 22, T8S, R17E, S.L.B.&M.



REFERENCE POINTS
175' EAST 5173.8'
225' EAST 5173.4'

APPROXIMATE YARDAGES

CUT = 3050 Cu. Yds.
FILL = 2931 Cu. Yds.
PIT = 2,710 Cu. Yds.
6" TOPSOIL = 860 Cu. Yds.



SURVEYED BY: GS DA
DRAWN BY: SS
DATE: 5-26-95
SCALE: 1" = 50'
FILE: 11-22C

Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

EXHIBIT "L"

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/22/95

API NO. ASSIGNED: 43-013-31539

WELL NAME: BALCRON MON FED 11-22-8-17Y
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:

NWNW 22 - T08S - R17E
SURFACE: 0635-FNL-0658-FWL
BOTTOM: 0635-FNL-0658-FWL
DUCHESNE COUNTY
MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED
LEASE NUMBER: U-66191

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

Y Plat
Y Bond: Federal ☒ State ☐ Fee ☐
(Number 5547188)
N Potash (Y/N)
N Oil shale (Y/N)
Y Water permit
(Number PRIVATE WELL)
N RDCC Review (Y/N)
(Date: _____)

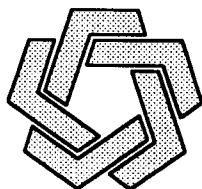
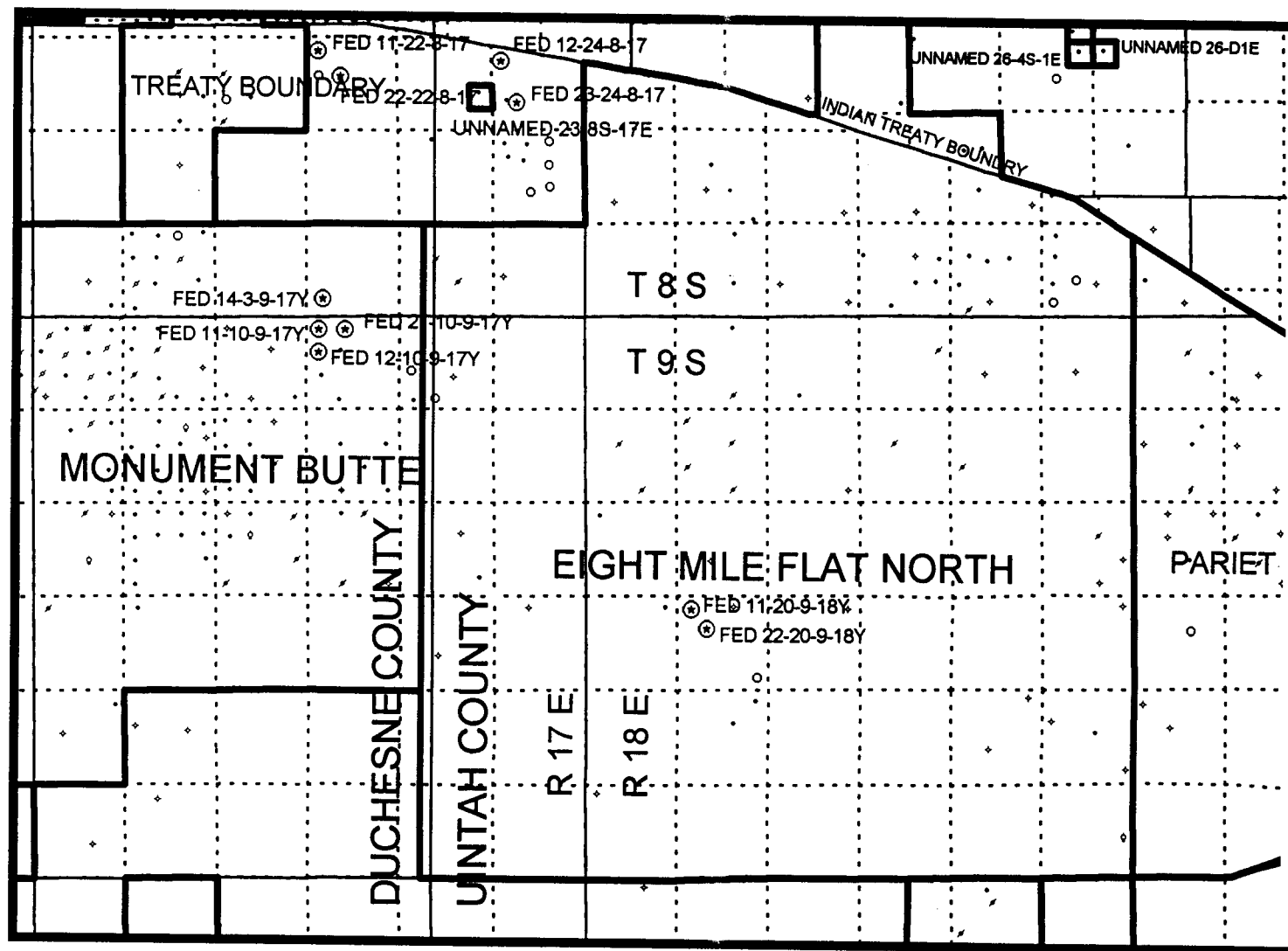
LOCATION AND SITING:

____ R649-2-3. Unit: _____
☒ R649-3-2. General.
____ R649-3-3. Exception.
____ Drilling Unit.
____ Board Cause no: _____
____ Date: _____

COMMENTS: _____

STIPULATIONS: _____

EQUITABLE RESOURCES MONUMENT BUTTE & EIGHT MILE FLAT NORTH DEVELOPMENT DRILLING UINTAH & DUCHESNE COUNTIES NO SPACING



STATE OF UTAH

Operator: EQUITABLE RESOURCES	Well Name: BALCRON MON FED 11-2
Project ID: 43-013-31539	Location: SEC. 22 - T08S - R17E

Design Parameters:

Mud weight (8.90 ppg) : 0.462 psi/ft
 Shut in surface pressure : 2557 psi
 Internal gradient (burst) : 0.069 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using buoyed weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Other : 1.50 (J)
 Body Yield : 1.50 (B)

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost	
1	6,500	5.500	15.50	K-55	LT&C	6,500	4.825		
	Collapse Load Strgth S.F. (psi) (psi)			Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth S.F. (kips) (kips)		
1	3005	4040	1.344	3005	4810	1.60	87.04	239	2.75 J

Prepared by : MATTHEWS, Salt Lake City, UT

Date : 08-17-1995

Remarks :

Minimum segment length for the 6,500 foot well is 1,000 feet.

SICP is based on the ideal gas law, a gas gravity of 0.75, and a mean gas temperature of 107°F (Surface 74°F , BHT 139°F & temp. gradient 1.000°/100 ft.)

The mud gradient and bottom hole pressures (for burst) are 0.462 psi/ft and 3,005 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1987 pricing model. (Version 1.06)

**EQUIPMENT INVENTORY
UTAH DIVISION OF OIL, GAS AND MINING
STATE OF UTAH**

Operator: EQUITABLE RESOURCE Lease: State: Federal: X Indian: Fee:

Well Name: BALCRON MON FED #11-22-8-17Y API Number: 43-013-31539

Section: 22 Township: 8S Range: 17E County: DUCHESNE Field: MON. BUTTE

Well Status: POW Well Type: Oil: YES Gas:

PRODUCTION LEASE EQUIPMENT: (NUMBER)

Boiler(s): Compressor(s): Separator(s): Dehydrator(s):

Shed(s): Line Heater(s): Heated Separator(s): VRU:

Heater Treater(s): (1)

PUMPS:

Triplex: Chemical: Centrifugal: (1)

LIFT METHOD:

Pumpjack: YES Hydraulic: Submersible: Flowing:

GAS EQUIPMENT: (NUMBER)

Purchase Meter: NO Sales Meter: NO

TANKS:

NUMBER

SIZE

Oil Storage Tank(s): YES 2-400 BBLS

Water Tank(s): YES 1-200 BBLS

Condensate Tank(s): BBLS

Propane Tank: (1)

Central Battery Location: (IF APPLICABLE)

Qtr/Qtr: Section: Township: Range:

REMARKS: CENTRIFUGAL IS HEAT TRACE PUMP. NO METERS OR SALES LINE. CASING
VALVE WAS CLOSED ON VISIT AND EQUIPMENT RUNNING ON PROPANE (RECENTLY TURNED
ON).

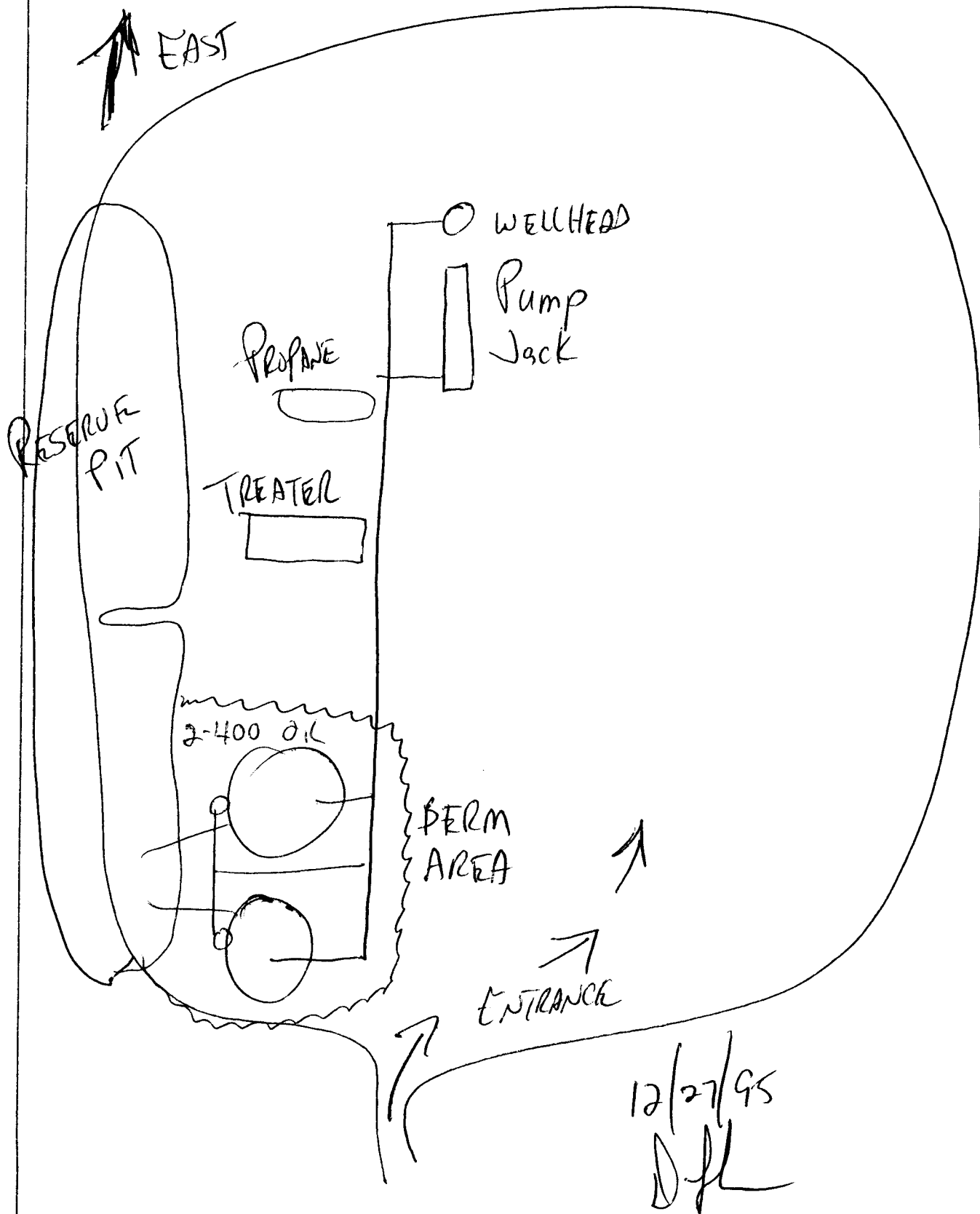
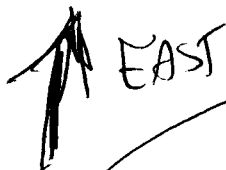
Inspector: DENNIS L. INGRAM Date: 12/27/95

EQUITABLE RESOURCES
BALCON MONFED 11-22-8-174
SEC 22; T8S; R17E
POW

U-66191

43-013-31539

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



12/27/95
Dfl



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

August 14, 1995

AUG 16 1995

Mr. Stan Olmstead
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Dear Mr. Olmstead:

RE: Balcron Monument Federal #11-22-8-17Y
NW NW Section 22, T8S, R17E
Duchesne County, Utah
Federal Lease #U-66191

43-013-31539

Attached is the surface agreement certification and archeological waiver for the referenced well which is on private surface. This should be all we were waiting for on this well.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Attachment

cc: Utah Division of Oil, Gas and Mining



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☐

JUNE 20, 1995

LESSOR: USA # U-66191

SURFACE
OWNER: L. CLARK ROBERTS AND BARBARA J. ROBERTS

WELL: MONUMENT FEDERAL # 11-22-8-17Y

WELLSITE: TOWNSHIP 8 SOUTH, RANGE 17 EAST
SECTION 22: NWNW
DUCHESNE COUNTY, UTAH

I CERTIFY THAT THE UNDERSIGNED, L. CLARK ROBERTS AND BARBARA J. ROBERTS, HUSBAND AND WIFE, HAVE REACHED AN AGREEMENT WITH EQUITABLE RESOURCES ENERGY COMPANY, BALCRON OIL DIVISION AS TO THE REQUIREMENTS FOR THE PROTECTION OF SURFACE RESOURCES AND RECLAMATION OF DISTURBED AREAS AND/OR DAMAGES IN LIEU THEREOF. THE UNDERSIGNED ALSO WAIVE ANY AND ALL ARCHEOLOGICAL ASSESSMENTS THAT MAY BE REQUIRED BY THE UTAH BUREAU OF LAND MANAGEMENT.

DATE: 7-27-95

SURFACE OWNER

L. Clark Roberts

DATE: 7-27-95

SURFACE OWNER

Barbara J. Roberts

DATE: 7-21-95

OPERATOR

D. Gary Kabeny
EQUITABLE RESOURCES ENERGY COMPANY,
BALCRON OIL DIVISION



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-358-3940 (Fax)
801-538-5319 (TDD)

August 17, 1995

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, Montana 59102

Re: Balcron Monument Federal #11-22-8-17Y Well, 635' FNL, 658' FWL, NW NW,
Sec. 22, T. 8 S., R. 17 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Admin. R. 649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31539.

Sincerely,

R. J. Firth
Associate Director

ldc

Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office
WAPD



Operator: Equitable Resources Energy Company
Well Name & Number: Balcron Monument Federal #11-22-8-17Y
API Number: 43-013-31539
Lease: Federal U-66191
Location: NW NW Sec. 22 T. 8 S. R. 17 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5340.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews or Mike Hebertson at (801)538-5340.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
JUN 29 1995
SUBMIT IN TRI-STATE
(Other instructions on
reverse side)

Form Approved,
Budget Bureau No. 1004-0136
Expires August 31, 1985

CONFIDENTIAL
J. LEASE DESIGNATION AND SERIAL NO.
BUREAU OF LAND MANAGEMENT
Federal #1-66191

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME n/a		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			7. UNIT AGREEMENT NAME n/a		
2. NAME OF OPERATOR Equitable Resources Energy Company, Balcron Oil Division			8. FARM OR LEASE NAME Balcron Monument Federal		
3. ADDRESS OF OPERATOR 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860			9. WELL NO. #11-22-8-17Y		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface NW NW Section 22, T8S, R17E 635' FNL, 658' FWL At proposed prod. zone			10. FIELD AND POOL, OR WILDCAT Monument Butte/Green River		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 10.5 miles southwest of Myton, Utah			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 22, T8S, R17E		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH 6,500'	20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,175' GL			22. APPROX. DATE WORK WILL START* 10/1/95		

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached	Drilling Program/Casing Design			

Operator proposes to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

CONDITIONS OF APPROVAL ATTACHED

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED <u>Bobbie Schuman</u>		TITLE <u>Regulatory and Environmental Specialist</u>		DATE <u>JUNE 21, 1995</u>
(This space for Federal or State office use)				
PERMIT NO. <u>43-013-31539</u>		APPROVAL DATE _____		
APPROVED BY <u>Jerry Knepper</u>		TITLE <u>Assistant District Manager Minerals</u>		DATE <u>AUG 18 1995</u>
CONDITIONS OF APPROVAL, IF ANY:				

NOTICE OF APPROVAL

*See Instructions On Reverse Side

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Balcron Monument Fed. 11-22-8-17Y

API Number: 43-013-31539

Lease Number: U-66191

Location: NWNW Sec. 22 T. 8S R. 17E

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|---|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

The surface casing will need to be cemented with **neat** cement.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the Moderately Saline water identified at ± 440 ft. or by extending the surface casing to ± 510 ft. and having a cement top for the production casing at least 200 ft. above the top of the Mahogany Oil Shale Zone identified at ± 2569 ft.. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to **Surface** if the surface casing is set at ± 260 ft. or to ± 2369 ft. if the surface casing is set at ± 510 ft.. The CBL shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne P. Bankert (801) 789-4170
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: EQUITABLE RESOURCES

Well Name: BALCRON MONUMENT FEDERAL 11-22-8-17Y

Api No. 43-013-31539

Section 22 Township 8S Range 17E County DUCHESNE

Drilling Contractor UNION

Rig # 16

SPUDDED: Date 10/25/95

Time

How ROTARY

Drilling will commence

Reported by D. HACKFORD-DOGM

Telephone #

Date: 10/26/95 Signed: JLT

10-31-95



**EQUITABLE RESOURCES
ENERGY COMPANY**

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☐

October 27, 1995

John Conrad

**Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078**

Gentlemen:

**RE: Balcron Monument Federal #11-22-8-17Y
NW NW Section 22, T8S, R17E
Duchesne County, Utah**

43-013-31539

**This letter is notice that the subject well was spud on 10-25-95 at
6 p.m.**

Please feel free to contact me if you have any questions.

Sincerely,

Molly Conrad

**Molly Conrad
Operations Secretary**

/mc

**cc: State of Utah, Division of Oil, Gas, & Mining - also enclosed is
Entity Action Form 6.
Mary Lou Dixon, Uintah Basin Health Dept. - VIA FAX
Bobbie Schuman
Lou Ann Carlson**

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

Operator Equitable Resources Energy Company
Balcron Oil division
ADDRESS 1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860

OPERATOR ACCT. NO. H 9890

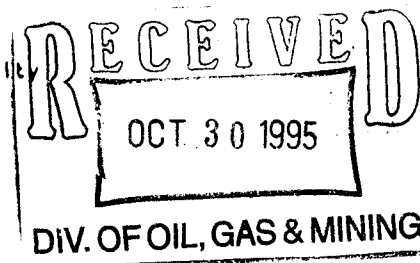
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11845	43-013-31539	Balcron Monument Fed. #11-22-8-17Y	NW NW	22	8S	17E	Duchesne	10-25-95	10-25-95
WELL 1 COMMENTS: Spud of a new well. <i>Entitles added 10-31-95. Lc</i>											
A	99999	11846	43-047-32712	Balcron Monument Fed. #11-20-9-18Y	NW NW	20	9S	18E	Uintah	10-26-95	10-26-95
WELL 2 COMMENTS: Spud of a new well.											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)



Molly Conrad
Signature
Operations Secretary
Title
10-27-95
Date
Phone No. (406) 259-7860



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☐

CONFIDENTIAL

November 30, 1995

**Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078**

Gentlemen:

**RE: Balcron Federal #11-22-8-17Y
NW NW Section 22, T8S, R17E
Duchesne County, Utah
API #43-013-31539**

This letter will serve as notice that first production on the subject well was on 11-29-95 at 11:00 a.m.

Please feel free to contact me if you need any additional information.

Sincerely,

**Molly Conrad
Operations Secretary**

/mc

**cc: State of Utah, Division of Oil, Gas, & Mining
Lou Ann Carlson
Bobbie Schuman**

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

EQUITABLE RESOURCES ENERGY COMPANY, BALCRON OIL DIVISION

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SURFACE: 635' FNL & 658' FWL
TD:

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

U-66191

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Balcron Monument Fed. #11-22-8-17Y

9. API Well No.

43-013-31539

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment ☐ Change of Plans
☐ Recompletion ☐ New Construction
☐ Plugging Back ☐ Non-Routine Fracturing
☐ Casing Repair ☐ Water Shut-Off
☐ Altering Casing ☐ Conversion to Injection
☒ Other ☐ Dispose Water

Site Security Diagram

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is the Site Security Diagram for this well.

14. I hereby certify that the foregoing is true and correct

Signed

Molly Conrad

Title Operations Secretary

Date 12-28-95

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

Equitable Resources Energy Company
 Balcron Federal 11-22-8-17Y
 Production Facility Diagram

Access Road

Balcron Federal 11-22-8-17Y
 NW NW Sec. 22, T8S, R17E
 Duchesne County, Utah
 Federal Lease #U-66191
 635' FNL, 658' FWL

VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN

DIKE

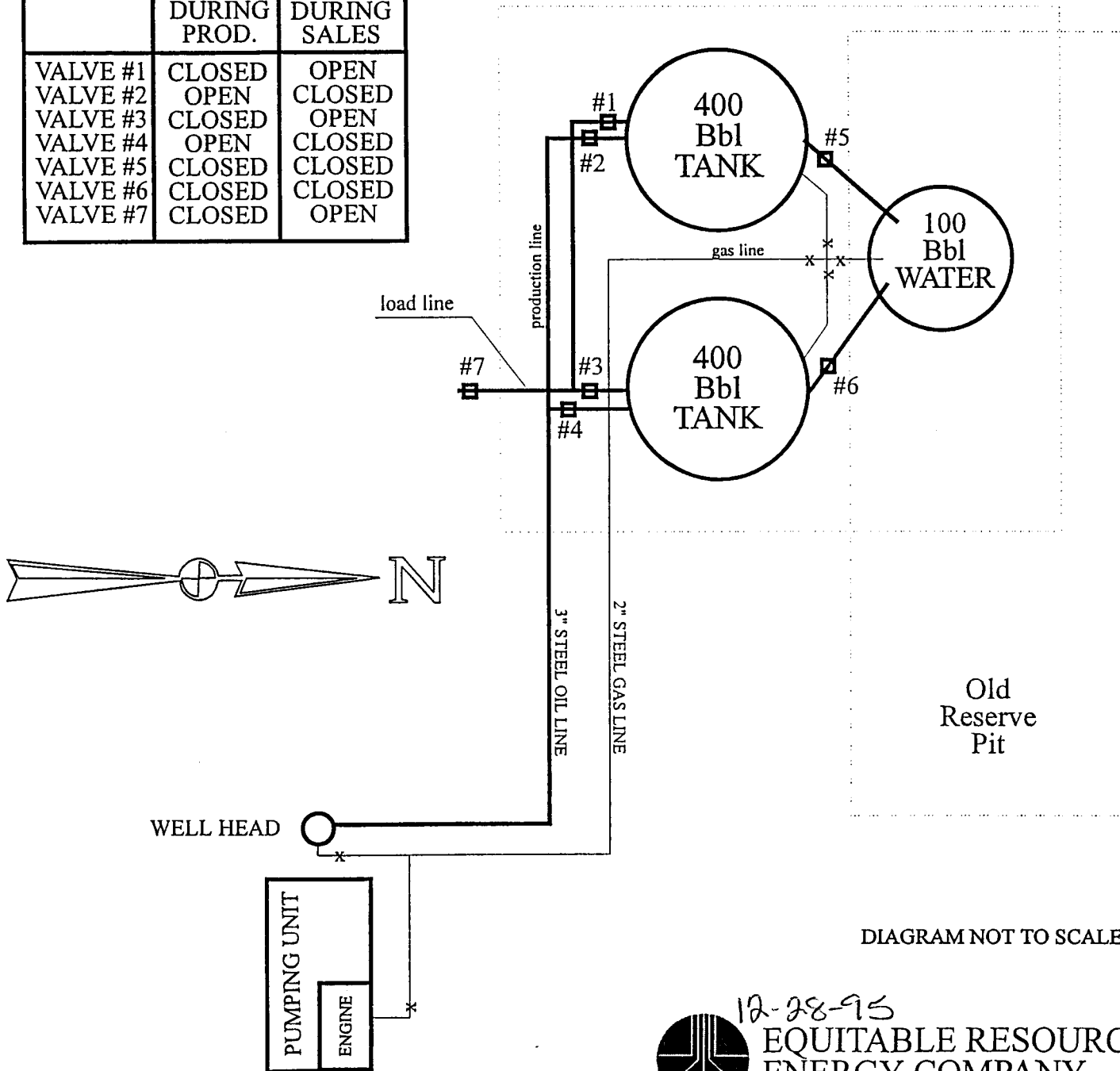


DIAGRAM NOT TO SCALE



12-28-95
 EQUITABLE RESOURCES
 ENERGY COMPANY
 BALCRON OIL DIVISION
 1601 Lewis Avenue
 Billings, MT 59104
 (406) 259-7860

Expires: March 31, 1993
5. Lease Designation and Serial No.

U-66191

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.
Balcon Monument Fed. #11-22-8-17Y

9. API Well No.
43-013-31539

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, Utah

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

EQUITABLE RESOURCES ENERGY COMPANY, BALCRON OIL DIVISION

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SURFACE: 635' FNL & 658' FWL
TD:

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment ☐ Change of Plans
☐ Recompletion ☐ New Construction
☐ Plugging Back ☐ Non-Routine Fracturing
☐ Casing Repair ☐ Water Shut-Off
☐ Altering Casing ☐ Conversion to Injection
☒ Other ☐ Dispose Water

Onshore Order #7

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Any water produced by this well will be held in a produced water tank and trucked to a commercial disposal facility. The primary facility to be used in the R.N. Industries produced water disposal facility located in Section 9, T2S, R2W in Duchesne County, Utah. A copy of the State-issued permit for that facility is on file at the Vernal Bureau of Land Management. If for some reason the operator is unable to use this primary facility, the produced water will be trucked to another State-approved disposal facility. If applicable, Operator has received approved Right-of-Way access to this well location from the Bureau of Land Management.

14. I hereby certify that the foregoing is true and correct

Signed

Molly Conrad

Title Operations Secretary

Date 12-28-95

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: Balcron Monument Federal #11-22-8-17YAPI number: 43-C13-315392. Well Location: QQ NW NW Section 22 Township 8S Range 17E County Duchesne3. Well operator: Equitable Resources Energy Company, Balcron Oil DivisionAddress: 1601 Lewis AvenueBillings, MT 59102Phone: (406) 259-78604. Drilling contractor: Union DrillingAddress: Drawer 40Buckhannon, WV 26201Phone: (304) 472-4610

5. Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
		No measurable water encountered	
		during drilling operations.	

6. Formation tops: Please see the back of the completion Report.

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 12-28-95Name & Signature: Molly Conrad *Molly Conrad*Title: Operations Secretary

WELL REPORT

Balcron Monument Federal

#11-22-8-17Y

NW NW Sec 22-T8S-R17E

Duchesne County

43-013-31539

Utah

CONFIDENTIAL

FRANK A RADELLA, INC.

Oil & Gas Exploration & Consulting
1601 Lewis Suite 202E
Billings, Montana 59102

FRANK A. RADELLA
OFC. 406-245-5375

RES. 656-7215

FRANK A. RADELLA, INC.

Oil & Gas Exploration & Consulting

1601 Lewis Ave.
Billings, Montana 59102
(406) 245-5375

Balcron Monument Federal
#11-22-8-17Y
NW NW Section 22-T8S-R17E
Duchesne County, Utah

PLEASE LEAVE
WELL REPORT
ONLY
ON THIS SIDE
THANKS

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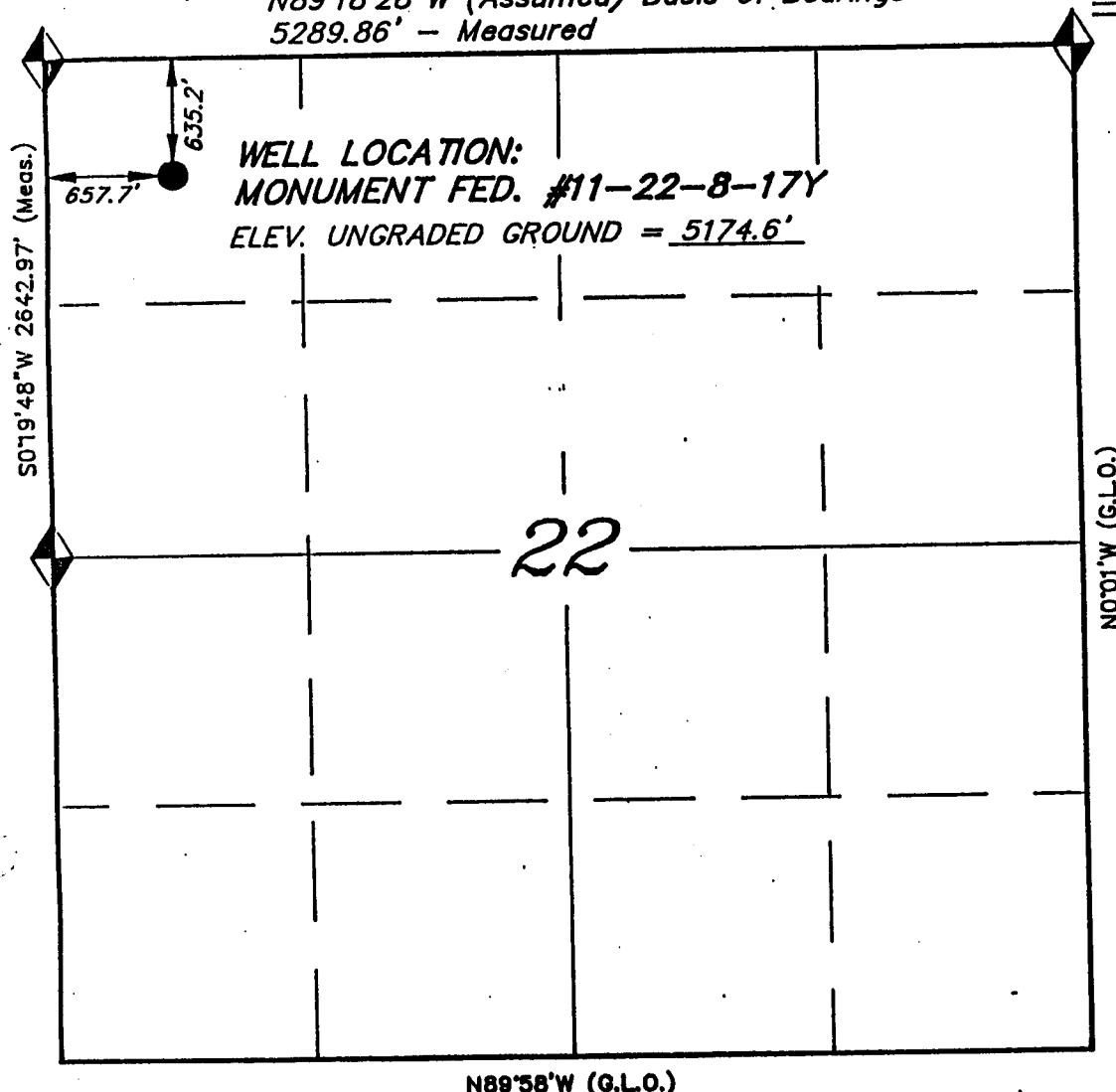
<u>Page</u>	<u>ITEM</u>
1	Location Plat
2	General Statistics
3	Surface Casing
3	Production Casing
4	Log Tops & Structural Comparison
5	Penetration Chart
6	Oil Shows and Potential Production Zones
7	Surveys and Bit Record
8	Drilling Fluid Data Cost
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11-18	Sample Descriptions
Insert	Drill Time-Litholog

by

Frank A. Radella
Certified Petroleum Geologist
AIPG AAPG

T8S, R17E, S.L.B.&M.

N89°18'28"W (Assumed) Basis of Bearings
5289.86' - Measured



WELL LOCATION:
MONUMENT FED. #11-22-8-17Y
ELEV. UNGRADED GROUND = 5174.6'

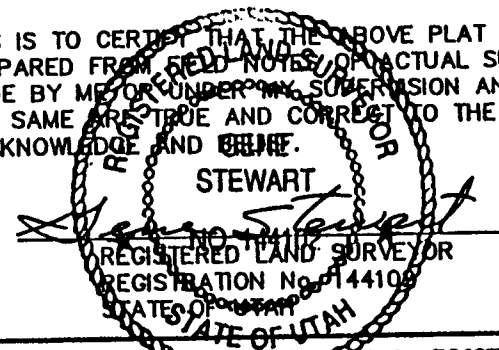
EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL
 #11 -22-8-17Y, LOCATED AS SHOWN IN
 THE NW 1/4 NW 1/4 OF SECTION 22,
 T8S, R17E, S.L.B.&M. DUCHESNE COUNTY,
 UTAH.

*Bearings shown are
 assumed but relative*



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF
 MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING
 38 EAST 100 NORTH, VERNAL, UTAH 84078
 (801) 781-2501



= SECTION CORNERS LOCATED

BASIS OF BEARINGS; G.L.O. DATED 1909

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

SCALE: 1" = 1000'	SURVEYED BY: GS DA
DATE: 5-26-95	WEATHER: RAINY & COOL
NOTES:	FILE 22-22YL

OPERATOR: Balcron Oil

WELL NAME: Monument Federal #11-22-8-17Y

LOCATION: NW NW Section 22(635' FNL x 658FWL)
T8S-R17E

COUNTY: Duchesne

STATE: Utah

ELEVATIONS: GL ungraded 5175' + 3' Fill = 5178,
KB 5187

SPUD DATE: 10-25-95 @ 6:00 PM

OUT FROM UNDER
SURFACE CASING: 10-26-95 @ 1:30 PM

REACH T.D.: 11-5-95 @ 4:00 PM

RIG RELEASE: 11-6-95 @ 11:30 AM

DAYS TO SPUD
THROUGH LOGGING: 12 TO RIG RELEASE: 13

TOTAL DEPTH: 6450' Driller, 6455' Logger

HOLE SIZE: 12 1/4" 0 -277' - 7 7/8" 277-6540'

STATUS: To complete as an Oil Well

PENETRATION: 291 feet below the Top of the Carbonate Marker

GEOLOGIST: Frank A. Radella - consultant

DRILLING ENGINEER: Al Plunkett - consultant

LOGGING PROGRAM: Halliburton Unit # 51943 Farmington, NM
Engineers - J. Savage and E. Vogel
Dual Laterolog 262-6440'
Spectral Density, Dual Spaced Neutron 3400-6410'

DRILLING PROBLEMS:

- 1) gas kick @ 3550' unloaded hole
- 2) Bit plugged with gilsonite @ 3010'
- 3) Hole tight in gilsonite @ 3117'

DRILL TIME LOGS:

1900-4400' 2" = 100'
4400-6450' 5" = 100'

SAMPLE DISPOSAL:

Utah Geological Survey Sample Library
4060' South 500' West #4
Salt Lake City, Utah

MUD LOGGING EQUIPMENT:

Chief Well Logging Co., Vernal, Utah
Bob Francke and Rob Mettes - Loggers
Hot wire and chromatograph instruments

CORES:

None

DST's:

None

SURFACE CASING:

Ran 7 Jts 8 5/8" casing set @ 262' RKB
Cemented with 160 sx Class "G" cement +2% CaCl
+ 1/4# Cello Seal per sack by B J Cementers. Plug
down @ 2:15 AM on 10-26-95 w/ 4 bbl Cement back
to pit

PRODUCTION CASING:

Ran 150 Jts 5 1/2", 15#/ft, K55, Range 3 LT & C
set @ 6424' with 1070 sx cement, plug down
@ 7:30 AM on 11-6-95

Balcron Oil Monument Federal
 #11-22-8-17Y
 NW NW 22-T8S-R17E
 Duchesne County, Utah

K.B. 5187'

<u>DUAL LATEROLOG TOP</u>	<u>DEPTH</u>	<u>DATUM</u>	<u>position of 11-22Y compared to 12-22Y*</u>
Uintah	Surface		
Green River	2006	(+3181)	109' High
Horsebench Sandstone	2866	(+2321)	21' High
2nd Garden Gulch	4496	(+691)	72' High
Y-1 Sandstone	4585	(+602)	
Y-3 Sandstone	4844	(+343)	
Y-4 Sandstone	4916	(+271)	
Y-5 Sandstone	5068	(+119)	
Yellow Marker	5124	(+63)	62' Low
Y-6 Sandstone	5143	(+44)	
Y-6 Sandstone	5223	(-36)	
Douglas Creek	5300	(-113)	71' Low
R-2 Sandstone	5382	(-195)	71' Low
R-5 Sandstone	5500	(-313)	46' Low
2nd Douglas Creek	5574	(-387)	72' Low
Green Marker	5722	(-535)	73' Low
Black Shale Facies	6066	(-879)	79' Low
Carbonate Marker	6159	(-972)	61' Low
B-1 Sandstone	6194	(-1007)	57' Low
B-2 Sandstone	6270	(-1083)	67' Low

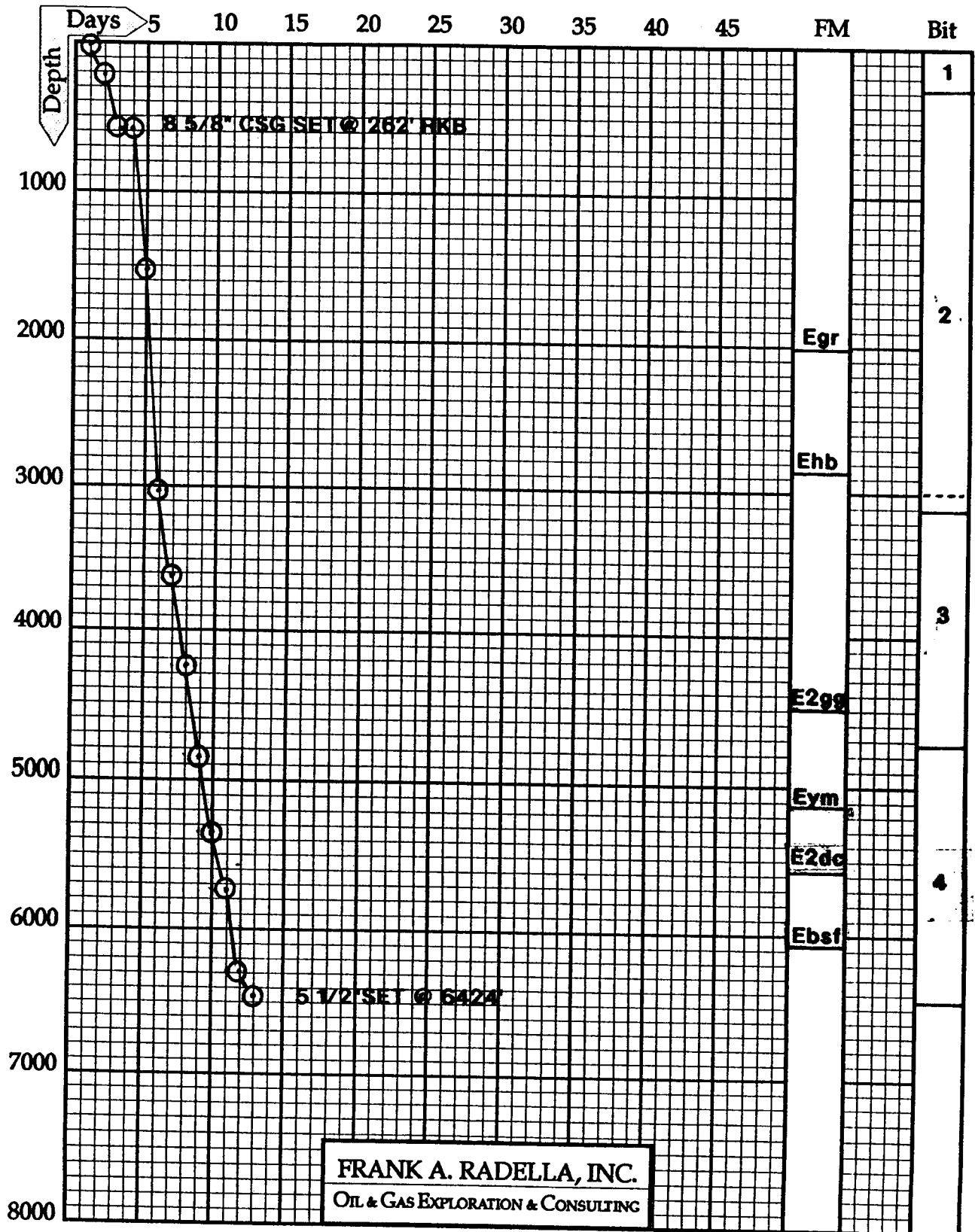
T.D. Driller 6450'
T.D. Logger 6455'

* 12-22Y Located 1470' due south of 11-22Y

PENETRATION CHART

BALCRON MON.FED.#11-22 -8-17Y
NWNW 22-T8S-R17E

Total Days 13 Logs 3 IN TANDUM
Total Bits 4 Rotating Hours 166 1/4



SAMPLE AND MUD LOG SHOWS AND POTENTIAL PRODUCTION ZONES

Balcron Oil
Monument Butte Federal
#11-22-8-17Y
Duchesne County, Utah

ZONE	Drill Depth	Drill Rate			mpf			Total Gas			Chromatograph ppm xk					Geologist Observations	Field Analysis Production Type & Potential
		Before	During	After	Before	Peak	After	Before	Peak	After	C 1	C 2	C 3	C 4	C 5		
	3500-3540	2	1.8-2.2	57	7500	55	6900	300	300	175	124	-				Siltstone & Oil Shale	Poor
Y-1 Sandstone	4584-4592	2	1-1.5	2	155	3000	159	2488	190	260	60	1.5				SS - p-f por, good oil sat, f-gd strm cut	Fair-Good
Y-4 Sandstone	4916-4926	2.5	1.2-1.5	2	160	635	108	457	90	72	16	-				SS - tn, tr pr por, dk brn oil specks, even md brt grn gold fluor, f-gd strm ct	Good
	5009-5029	1.75	2-3	1	193	712	135	500	13	64	10.8	.5				SS - tight, trace pale fluor, no iol stain, n no cut	Poor
R-2 Sandstone	5389-5398	2	1-1.2	2	125	670	140	400	109	112	40	4				SS - poor por, pale gold fluor, good oil sat, slow fair blossom ct	Fair
R-5 Sandstone	5502-5510	2	2.5-3	3	100	510	100	510	153	100	53	5				SS - no por, m brt fluor, light oil stain, slow weak cut	Poor
B-1 Sandstone	6184-6212	3	1	3	350	1200	405	570	306	260	64	0				SS - no vis por, pale gold fluor, sptty blk oil stain, slow wk cut	Fair
B-2 Sandstone	6266-6276	2 1/2	1	2 1/2	200	900	255	470	250	120	60	0				SS - wh, sptty blk oil strn loose grains, m brt fluor, fair strm cut	Good

BIT RECORD

[illegible]

DRILLING FLUID DATA

Balcron Oil
Monument Butte Federal
#11-22-8-17Y
Duchesne County, Utah

Drilled with air to 3100'. Convert to KCL water @ 3100'

<u>Date</u>	<u>Depth</u>	<u>WT</u>	<u>VIS</u>	<u>PH</u>	<u>CHL</u>	<u>KCL%</u>	<u>Daily Cost</u>	<u>Cum Cost</u>
10-26-95	277						\$ 100	\$ 100
10-27-95	595						150	250
10-28-95	595						150	400
10-29-95	2130						150	550
10-30-95	3110						150	700
10-31-95	3856	8.5	27	10.1	8600	1.7	150	850
11-1-95	4499	8.5	27	10.1	9600	2	150	1000
11-2-95	4990	8.5	27	10	9800	2	150	1150
11-3-95	5561	8.5	26	10	9800	2.1	150	1300
11-4-95	5893	8.5	27	10	9600	2.0	150	1450
11-5-95	6450	8.6	26	10.1	9800	2.0	150	1600
11-6-95	6450						<u>150</u>	<u>1750</u>
FIELD TOTALS							\$ 1750	\$ 1750

Balcron Oil
Monument Butte Federal #11-22-8-17Y
NW NW Section 22-T8S-R17E
Duchesne County, Utah

Daily Drilling History

Data compiled by Frank A. Radella from the tower sheets and records of Al Plunkett, drilling engineer consultant. The depth reported is at midnight. The activity of the calendar date is followed by the daily footage, daily hours drilled and cumulative rotating hours.

<u>Day</u>	<u>Date</u>	<u>Depth and Activity at Report Time</u>
1.	10-25-95	<u>Depth 0; Rigging Up:</u> Spud 17 1/2" conductor hole at 3:00 PM on 10-25-95, drill with air to 21' in 1 hr. Set conductor pipe @ 21'. Drill with 12 1/4" Bit #1 @ 6:00 PM on 10-25-95. Drilled to 205'. Drilled 205' this date in 4 RH (not counting conductor pipe 1 hr.) Cum RH 4.
2.	10-26-95	<u>Depth 205'; Drilling:</u> Drilling with 12 1/4" air hammer with air foam drilling media. Drilled to 277'. Rig up and ran 7 Jts (251') 8 5/8" casing to 262' RKB. Cemented with 160 sx cement + additives by B-J Cementers, plug down @ 2:15 AM on 10-26-95. Wait on Cement, Drill out from under casing @ 1:30 PM on 10-26-95 with 7 7/8" Bit #2. Drilled to 595', shut down for repairs on Drum clutch shaft. Drilled 390' in 5 RH, Cum RH 9.
3.	10-27-95	<u>Depth 595'; Down for repairs:</u> Work on drum shaft. Sent hub to machine shop to build. Received same, would not fit. Wait on part. NO footage drilled this date. Cum RH 9.
4.	10-28-95	<u>Depth 595'; Waiting on parts:</u> Repairs completed and drill with Bit #2 @ 9:00 AM. Drill and survey. See Bit Record. Drilled to 1514', made 919' in 12 1/2 RH, Cum RH 21 1/2.
5.	10-29-95	<u>Depth 1514'; Drilling:</u> Drill with air and foam, survey, check BOP. Drilled to 3017' and trip for plugged bit. Wash 40' to bottom. Reran Bit #2. Drilled to 3017'. Drilled 1503' in 18 1/2 RH, Cum RH 40.
6.	10-30-95	<u>Depth 3017'; Drilling:</u> Drilled to 3110' and trip out tight hole and bit plugged. In with Bit #3, switch to water fluid drilling @ 3110', wash 30' of fill on bottom. Drill, check BOP, Drilled to 3602'. Drilled 585' in 16 3/4 RH, Cum RH 56 3/4.

7. 10-31-95 Depth 3602'; Drilling:
Drill, check BOP and survey.
Drilled to 4249'. Drilled 647' in 22 RH, Cum RH 78 3/4.
8. 11-1-95 Depth 4249'; Drilling:
Drill, check BOP, survey.
Drilled to 4855'. Drilled 606' in 23 1/2 RH, Cum RH 102 1/4.
9. 11-2-95 Depth 4855'; Drilling:
Drill, change packing and work on mud pump. Drill, check BOP, survey,
Drilled to 5355'. Drilled 500' in 19 RH, Cum RH 121 1/4.
10. 11-3-95 Depth 5355'; Drilling:
Drill, survey, check BOP. Trip for Bit #3 @ 5724'. Pulled wet, lay down and
replace 11 Jts drill pipe.
Drilled to 5735'. Drilled 380' in 13 3/4 RH, Cum RH 135.
11. 11-4-95 Depth 5735'; Drilling:
Drill, repair fuel lines, check BOP, survey.
Drilled to 6300'. Drilled 565' in 21 RH, Cum RH 156'.
12. 11-5-95 Depth 6300'; Drilling:
Drilled to 6450' T.D.. Reached T.D. @ 4:00 AM on 11-5-95. Condition hole
1 hr., trip out for logs 2 1/2 hrs.; Halliburton logged hole, 3 logs in Tandem, no
problems 5 hrs.; Lay down pipe.
Drilled 150' in 5 3/4 RH, Cum RH 161 3/4. (Hours differ from Bit Record by
minus 4.5 hrs.)
13. 11-6-95 T.D. 6450'; Laying down pipe:
Ran 150 Jts 5 1/2" 15#/ft K55 Range 3 LT & C. Set @ 6424' with 1070 sx
cement. Plug down 7:30 AM, good returns. Rig release @ 11:30 on 11-6-95.

Balcron Oil
Monument Butte Federal #11-22-8-17Y
Section 22-T8S-R17E
Duchesne County, Utah

Sample Descriptions

by

Frank A. Radella

Samples run wet and dry at wellsite. Cutting agent was Trichlorothene. Samples were rig caught and quality was good. Descriptions are lagged to Dual Induction log depths. Shows are underlined. Log tops are indicated below. Geologist on location from 590' through T.D. and for logs. No DST's were run.

Sand Grain Size Parameters

Silt	.004 - .062 mm
Very fine grained	.062 - .125 mm
Fine grained	.125 - .250 mm
Medium grained	.250 - .50 mm
Coarse grained	.50 + mm

Sample Program

1900 - 4450'	50' samples
4450 - T.D.	30' samples
Pay Intervals	5' samples

50' Samples

1900 - 1950	Siltstone: light gray, argillaceous.
1950 - 2000	Siltstone: as above; trace of Sandstone: salt and pepper, very fine to fine grained, subangular, abundant loose sand grains.

GREEN RIVER 2006' (+3181')

2000 - 2100	Shale: light orange tan, silty and sandy, black carbonaceous partings; Sandstone: light gray, very fine to fine grained, subangular, much loose grains and friable clusters, <u>spotty brown oil stain</u> .
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- 2100 - 2150 30% Shale: light orange tan, as above; 70% loose sand grains and clusters that are tight.
- 2150 - 2250 Shale: light tan to medium orange brown, oil shale, trace white calcite chunks, coarse, angular, possible fracture fill; trace of Pyrite, thin seams of Sandstone: white, salt and pepper, very fine grained, angular.
- 2250 - 2600 Shale: tan, trace orange tan, as above; trace of Calcite: as above, rare drop of dark brown oil on chips.
- 2600 - 2750 Shale: orange tan, calcareous, oil shale; trace of Shale: medium green waxy; trace of Calcite, white, amber.
- 2750 - 2900 Shale: as above; Shale: darker brown, calcareous, blocky, occasional drop of oil on cuttings.

HORSEBENCH SANDSTONE 2866' (+2321')

- 2900 - 3000 Limestone: light gray tan, micritic, platy, good sample change.

Trip for plugged bit @ 3017'.

- 3000 - 3050 Shale: medium to dark brown, oil shale; Calcite: amber, oil stained in part, possible fracture fill.
- 3050 - 3100 Shale: dark brown, as above, trace Pyritic; trace of Limestone: light tan, micritic, platy, trace loose quartz grains, very fine to medium, angular.
- 3100 - 3200 Shale: medium brown, dolomitic, blocky, firm, trace black residue on possible fracture planes, occasional drop of bleeding dark brown oil.
- 3200 - 3300 Shale: as above; Shale: dark brown, calcareous, blocky, oil shale.

Start 30' samples @ 3300'.

- 3300 - 3390 Shale: dark brown, calcareous, blocky, slow building, weak blossom cut, typical oil shale; Shale: tan, calcareous, sub platy, slow building fair blossom cut.
- 3390 - 3500 Shale: light tan, calcareous, platy to blocky; decrease in Shale: dark brown, as above; few drops of dark brown oil, no fluorescence.
- 3500 - 3550 Trace of Siltstone: tan, dolomitic, trace very fine sandy, well cemented, no visible porosity, sharp, no fluorescence, slow weak streamer cut, poor show; Shale: as above.

Hole unloaded with gas kick. By passed shaker for 20 feet from 3550 - 3570'.

- 3550 - 3560 No sample.
- 3560 - 3590 Trace of Siltstone: white, few gray specks, dolomitic, trace very fine sandy, as above; Shale: tan, gray tan.

- 3590 - 4010 Limestone: light tan, micritic, platy; trace of Siltstone: as above.
- 4010 - 4100 Limestone: as above; Shale: light tan, trace dark brown.
- 4100 - 4130 Shale: tan; Siltstone: white, light gray, trace very fine sandy, calcareous cement, no visible porosity, no fluorescence rare chips bleeding dark brown oil, poor show.
- 4130 - 4160 Siltstone: light gray, trace salt and pepper, trace very fine sandy, calcareous, no visible porosity, trace bleeding oil as above, poor show; trace of Shale: light gray.
- 4160 - 4220 Shale: light gray, dolomitic, platy, trace silty; trace of Shale: medium brown; Siltstone: as above.
- 4220 - 4250 Shale: medium gray, dolomitic, platy.
- 4250 - 4310 Shale: medium to dark brown, dolomitic, oil shale, platy to blocky.
- 4310 - 4400 Shale: light to dark brown, calcareous, platy, oil shale.
- 4400 - 4430 Shale: gray brown, to brown, as above; trace of Limestone: cream, micritic, platy.
- 4430 - 4490 Trace of Sandstone: white, very fine grained, few gray grains, trace micaceous, calcareous, no visible porosity, no show; grades from Siltstone: white, light gray, argillaceous in part, no porosity, no show; Shale: light gray, trace orange brown.

2nd GARDEN GULCH 4496' (+691')

- 4490 - 4520 Limestone: cream, micritic, platy; trace of Sandstone: white, trace salt and pepper, very fine grained, calcareous, no visible porosity, trace spotty oil stain, poor to no show.
- 4520 - 4550 Shale: light gray, dolomitic, platy; trace of Shale: medium red-brown and gray green, mottled in part, noncalcareous, blocky; Siltstone: white, light gray, slightly calcareous, platy, trace salt and pepper, no porosity, no show; trace of Sandstone: white, very fine grained, tite.
- 4550 - 4580 Siltstone: white, trace very fine sandy, white dolomitic cement, no porosity, no show; Shale: light gray, dolomitic, platy.
- 4580 - 4585 Shale: medium brown, dolomitic, platy to blocky; Shale: gray, as above; trace of Sandstone: white, very fine grained, trace salt and pepper.

Y-1 SAND 4585' (+602')

- 4585 - 4595 Sandstone: tan, very fine grained, subangular quartz, well sorted, slightly dolomitic cement, moderate amount secondary crystal growth, poor porosity, moderately to very friable, trace pale gold fluorescence, good oil saturation, slow building fair to good streamer cut, good show in poor apparent reservoir.

- 4595 - 4610 Shale: medium gray, dolomitic, platy; Sandstone: white, very fine grained, white calcareous cement, no porosity, no show.
- 4610 - 4640 Shale: medium gray, dolomitic, platy; trace of Limestone: cream, micritic, platy.
- 4640 - 4670 Shale: medium to dark brown, trace red-brown, dolomitic, platy; trace of Sandstone: white, very fine grained, no porosity, no show.
- 4670 - 4700 Trace of Sandstone: very fine grained, well sorted, no visible porosity, tan oil stain, no fluorescence, slow weak blossom cut, poor show, poor reservoir; Shale: gray, as above, silty in part.
- 4700 - 4730 Shale: light to dark brown; trace of Limestone: cream, micritic, platy.
- 4730 - 4760 Shale: light gray, tan, trace gray green; few loose ostracods; trace of Sandstone.
- 4760 - 4790 Trace of Sandstone: tan, very fine grained, no visible porosity, well cemented, no fluorescence, light brown oil stain, fair blossom cut; Shale: as above.
- 4790 - 4820 Shale: as above; trace of Sandstone: white, very fine grained, well cemented, no porosity, no show.
- 4820 - 4850 Increase in Sandstone: as above, trace micaceous, no porosity, no show; with Shale: light gray, platy.

Y-3 SAND 4844' (+343')

- 4850 - 4880 Shale: tan, dolomitic, platy, gray brown.
- 4880 - 4910 Sandstone: white, very fine grained, white dolomitic cement, no visible porosity, no show; trace of Shale: as above.

Y-4 SAND 4916' (+271')

- 4910 - 4920 Sandstone: tan, very fine grained, subangular to subround, well sorted, trace poor porosity, pale-gold fluorescence, good oil saturation, fair amount heavy dark brown free oil on samples; 10% Sandstone: as above.
- 4920 - 4925 As above; 20% Sandstone: white, as above.
- 4925 - 4930 70% Sandstone: tan, show as above; 30% Sandstone: white to light gray, very fine grained, white dolomitic clay cement, no visible porosity, trace pyritic.
- 4930 - 4940 Shale: medium gray, silty, platy; trace Sandstone: as above.
- 4940 - 5000 Shale: medium to dark brown, dolomitic, platy, oil shale.

5000 - 5030 Sandstone: white, few gray grains, very fine grained, subangular, white, calcareous cement, no visible porosity, no show; grades to/from Siltstone: white.

5030 - 5060 Decrease in Sandstone: white, as above to light gray, no porosity, no show; Shale: light gray, platy.

Y-5 SAND 5068' (+119')

5060 - 5090 Sandstone: white, very fine grained, well sorted, salt and pepper, slightly dolomitic cement, no visible porosity, pale gold fluorescence, slight oil stain, very slow weak milky cut, poor show, poor reservoir; Shale: brown, gray brown.

YELLOW MARKER 5124' (+63')

5090 - 5140 Shale: medium brown gray, dolomitic, very platy.

Y-6 SAND 5143' (+44')

5140 - 5180 Sandstone: white, very fine grained, trace gray to dark gray, subangular, slightly dolomitic cement, no porosity, no show, hard, few loose whole ostracods, tan, calcareous; trace of Shale: orange brown, calcareous, gray green.

5180 - 5220 Trace of Sandstone: white, as above, no porosity, no show, hard; Shale: orange brown, calcareous, blocky, oil shale; Shale: light gray, calcareous, platy.

Y-6 SAND 5223' (-36')

5220 - 5240 Shale: medium gray, silty, blocky; Sandstone: white, very fine grained, few gray grains, subangular, well cemented, no visible porosity, no show; trace Sandstone; dark brown, very fine grained, well sorted, saturated with black heavy oil, no visible porosity, slow fair to good streamer cut; trace of Shale: red-brown.

5240 - 5270 Shale: light gray, silty, dolomitic, platy; trace of Sandstone: white, as above.

5270 - 5300 Shale: dark gray, brown, oil shale; trace of Sandstone: white, as above, no show.

DOUGLAS CREEK 5500' (-113')

5300 - 5330 Sandstone: tan, medium brown, very fine grained, well sorted, slightly dolomitic cement, no visible porosity, good overall oil stain, pale fluorescence, good instant streamer cut; Shale: medium gray, dolomitic, platy.

5330 - 5360 Sandstone: light tan, white, very fine to fine grained, subangular to subround, poorly sorted, noncalcareous white cement, no porosity, very light oil stain with trace of dark stain, pale spotty gold fluorescence, instant weak streamer cut, poor show; Shale: light gray, green gray, trace red brown; Sandstone: grades to light gray, slightly argillaceous, no porosity, no show.

5360 - 5380 Sandstone: as above, decrease, instant weak streamer cut, poor show; Shale: gray tan, trace maroon with green mottling.

R-2 SAND 5382' (-195')

5380 - 5420 Sandstone: medium to dark brown, very fine to fine grained, subangular to subround, poor porosity, slightly dolomitic cement, good oil saturation, bleeding oil in few chips, pale gold fluorescence, slow fair blossom cut, fair to good show in poor reservoir.

5420 - 5500 Shale and trace of Sandstone: as above; Shale: medium gray, dolomitic, platy predominates.

R-5 SAND 5500' (-313')

5500 - 5510 Sandstone: light tan, few gray grains, very fine grained, subangular to subround, noncalcareous, well sorted, tight, light tan oil stain, medium bright green gold fluorescence, slow weak blossom cut, possible gas show, poor oil show; Shale: light gray.

5510 - 5540 Shale: light gray, slightly dolomitic, trace green gray, platy; trace of Sandstone: white, very fine grained, well cemented, no show.

5540 - 5570 Shale: dark gray to brown black to tan, very slightly dolomitic, oil shale.

2nd DOUGLAS CREEK 5574' (-387')

5570 - 5600 Shale: as above, light gray predominates.

5600 - 5630 Shale: light gray; Sandstone: white, very fine grained, white calcareous cement, no porosity, no show.

5630 - 5660 Shale: light gray, light tan, pale gray green.

5660 - 5690 Shale: black, waxy, very petroliferous, lumpy, no fluorescence, good bright cut when crushed.

5690 - 5720 No sample.

GREEN MARKER 5722' (-535')

5720 - 5750 Shale: dark to medium brown, dolomitic, platy; trace of Shale: gray green and light tan.

5750 - 5780 Shale: medium to dark brown, dolomitic, silty, platy; trace of Limestone: tan, ostracodal in sparry calcite matrix, grain supported, no porosity, no show.

- 5780 - 5810 Sandstone: white, light gray, salt and pepper, very fine grained, trace micaceous, white calcareous cement, no porosity, pale gold fluorescence, slow weak streamer cut, poor show, trace tan with light oil stain, pale fluorescence, slow weak streamer cut, poor show; Shale: gray, tan.
- 5810 - 5840 Shale: light gray, dolomitic, platy.
- 5840 - 5870 Shale: light to medium gray, gray green, medium brown; trace of Sandstone: white, very fine to fine grained, trace salt and pepper, trace spotty brown oil stain, poor show.
- 5870 - 5900 Shale: dark gray, silty, carbonaceous, dolomitic, blocky; Shale: as above; trace of Sandstone: white, very fine grained, well cemented, hard, dense, tight.
- 5900 - 5930 Shale: light gray, dolomitic, platy; Shale: as above; trace Shale: gray green.
- 5930 - 5960 Shale: dark gray, banded, trace silty, blocky; Shale: as above.
- 5960 - 5990 Shale: as above; trace of Shale: dark gray to black, silty, trace very fine sandy, trace micaceous, dolomitic, platy; trace of Shale: light maroon, very fine to fine sandy, trace medium quartz grains.
- 5990 - 6020 Shale: as above; Shale: red brown, silty, calcareous, platy; trace of Sandstone: white very fine grained, hard, tight; Shale: as above.
- 6020 - 6050 Shale: as above; with increase in Shale: dark gray to black.

BLACK SHALE FACIES 6066' (-879')

- 6050 - 6080 Shale: black, dolomitic, platy, no fluorescence, slow weak streamer cut when crushed, oil shale; trace of Limestone: dark brown, micritic, platy, trace pyritic.
- 6080 - 6110 Shale: black, as above, pyritic, blocky to platy, oil shale.
- 6110 - 6140 Shale: black as above to brown black, trace silty.

CARBONATE MARKER 6159' (-972')

- 6140 - 6170 Shale: red-brown, slightly dolomitic, silty, lumpy, soft; trace of Limestone: tan, micritic, platy; trace of Sandstone: white, trace salt and pepper with gray and trace orange grains, very fine grains, subangular, noncalcareous clay matrix, no porosity, no show; trace Shale: green.
- 6170 - 6190 Sandstone: white, salt and pepper, very fine to fine grained, subangular, scattered black and gray grains, poorly sorted, white calcareous cement, no visible porosity, trace of pale spotty gold fluorescence, no show apparent; Shale: light gray; trace of Limestone: light tan, micritic, platy.

B-1 SAND 6194' (-1007')

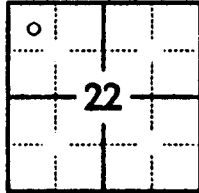
- 6190 - 6230 Sandstone: white, trace salt and pepper, brown gray, very fine to fine grained, poor to fair sorting, white calcareous cement, no visible porosity, pale gold fluorescence, spotty black oil stain, trace bleeding dark brown black oil, fair to good instant streamer cut, fair show in poor reservoir.
- 6230 - 6270 Sandstone: as above, black with heavy oil residue, bleeding oil in numerous chips, no fluorescence, good streamer cut, no visible porosity; Shale: medium to dark gray to black, green; trace of Limestone: medium brown, micritic, platy.

B-2 SAND 6270' (-1083')

- 6270 - 6290 Sandstone: white, very fine to fine grained, poor sorting, no porosity visible, heavy spotty black oil residue, pale gold fluorescence, instant fair streamer cut, poor show; 15-20% loose medium sized sand grains; clear to opaque quartz, well sorted, subangular to subround, with overall medium bright green gold fluorescence, occasional grain with dark brown oil stain, rare friable few grain clusters with no visible voids, slow fair streamer cut from individual grains; Shale: medium gray; Limestone: light tan, micritic, platy.
- 6290 - 6320 Shale: dark brown to black, calcareous; grades to Limestone: dark brown to black, micritic, argillaceous, platy, no fluorescence; slow weak streamer cut from Limestone and Shale.
- 6320 - 6350 Limestone: cream to light tan, micritic, platy; Shale: gray brown, black, trace red brown; Sandstone: white, very fine to fine grained, subangular, few gray grains, white calcareous cement, trace micaceous, no visible porosity, trace spotty fluorescence in few chips, weak milky cut, poor show.
- 6350 - 6410 Limestone: dark brown-black, micritic, trace silty; Shale: dark brown, calcareous, platy.
- 6410 - 6450 Shale: dark brown-black, trace light gray and green; trace of Limestone: cream, micritic, platy.

T.D. Driller 6450'
T.D. Logger 6455'

DRILL TIME LOG



Balcron Monument Federal
#11-22-8-17Y
NW NW Sec 22-T85-R17E
Duchesne Co. Utah

ELEVATIONS: GL 5178 KB 5187

SPUD: 10-25-95 6:00PM

OUT FROM UNDER SURF.CSG.: 10-26-95 1:30PM

DATE DRLG,COMP.: 11-05-95 4:00AM

DATE WELL COMPLETED Rig Release 11-6-95 11AM

STATUS To be completed as Oil Well

SURF.CSG.: 8 5/8" Set @ 262' RKB w/160 sx

PRODUCTION CSG.: 5 1/2" @ 6424 w/1070 sx

CORES: None

DRILL STEM TESTS: None

CONTRACTOR: Union Drilling

RIG: #16

MAST: Pulls Doubles

POWER:

PUMPS: Gardiner Denver FXN 6" X 14"

DRILL PIPE: 4 1/2" 16.60#/ft 6 1/4" OD X Hole

COLLARS: 16 (497.85') 6 1/2" X 2 1/4"

MUD SYSTEM: Air to 3100, H₂O 3100'-TD

TOTAL BITS: 4

TOTAL DAYS TO LOG POINT: 12 TO COMPL.: 13

T.D. DRILLER: 6450' LOGGER: 6455'

PENETRATION: 291' below top of Carb. Mkr.

FRANK A. RADELLA, INC.

Oil & Gas Exploration & Consulting
1601 Lewis Suite 202E
Billings, Montana 59102

FRANK A. RADELLA
OIL: 406-369-6376

Res. 406-7218

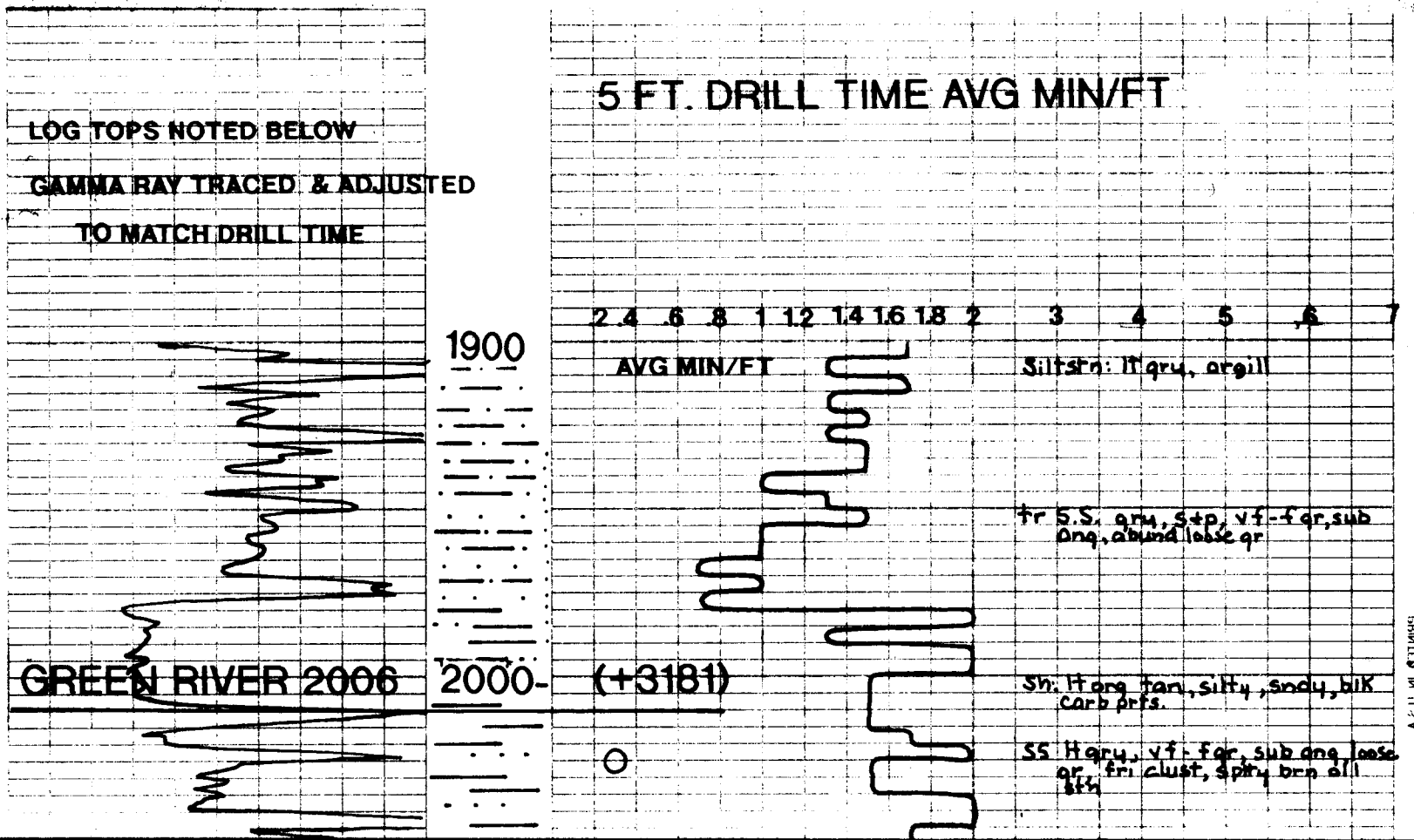
Legend

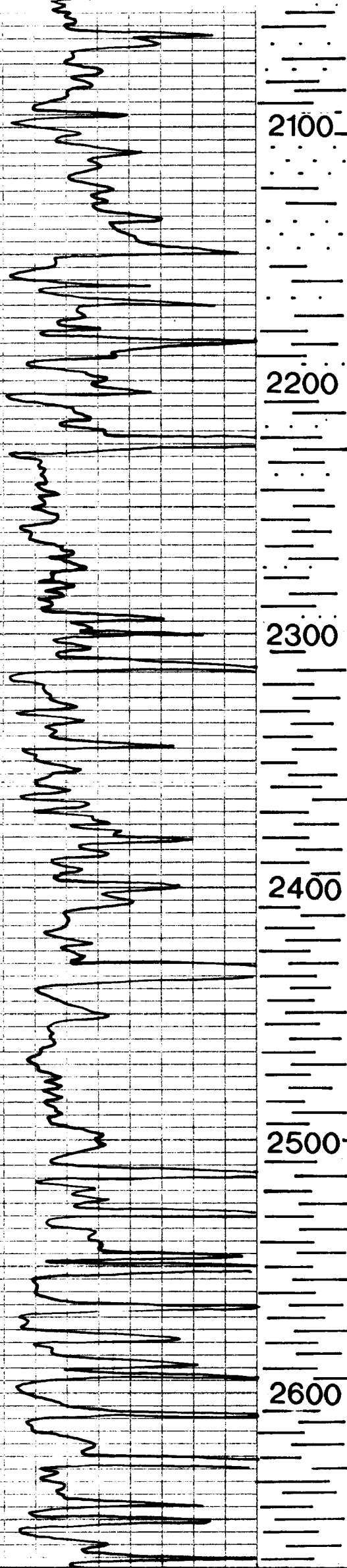
	SHALE		LIMESTONE		ARGILLACEOUS
	SILTSTONE		DOLOMITE		SILTY
	SANDSTONE		ANHYDRITE		SANDY
	CONGLOMERATE		GYPSUM		CALCAROUS
	COAL		SALT		DOLOMITIC
	CHERT		OOBITIC		ANHYDRITIC

LOGGED BY GEOLOGIST: Frank A. Radella

POROSITY SHOWS

■ ○ POOR
 ■ ◐ FAIR
 ■ ● GOOD
 | CONTINUED





2100

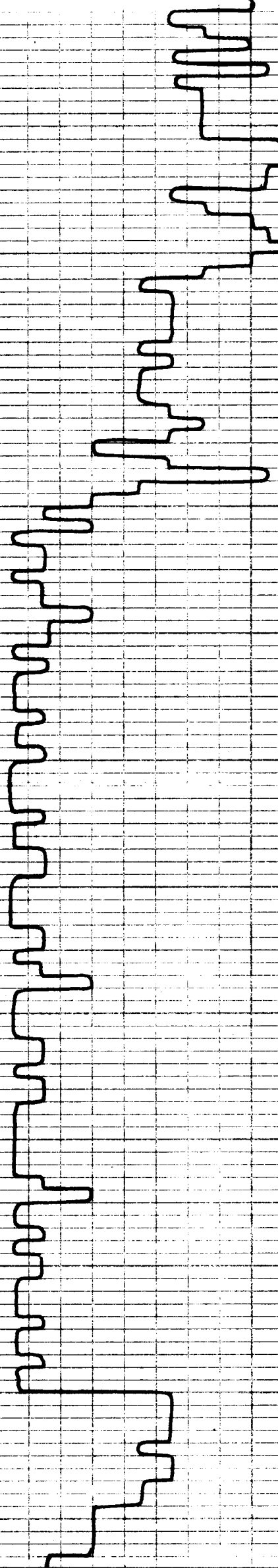
2200

2300

2400

2500

2600



sh: a/a

much loose qtz gr and tight clusters

sh: lt tan to med org brn

oil sh
tr calcite chunks, white,
coarse, ang, poss' frac fill
tr pyrite

thin seams S.S. wh, sap, v. far,
ang

sh: tan, tr org tan, tr calcite
a/a, rare drop of dk brn oil

sh: org-tan, calc, oil sh

tr sh: m grn, waxy; tr
calcite wh, amber, ang, coarse

NO. 101 2355

CHRYSLER CORP. 2. CORROSION. SUELY O. NEW YORK

Sh: a/a sh: dk brn, calc, blk
occ oil drop on cuttings

HORSEBENCH SS 2866

(+2321)

ls: lt gray tan, micritic, platy

Trip @ 3110 plugged bit w/
gilsonite

Sh: m-dk brn, oil sh; calcite
abund, amber, oil stained,
poss frac fill.

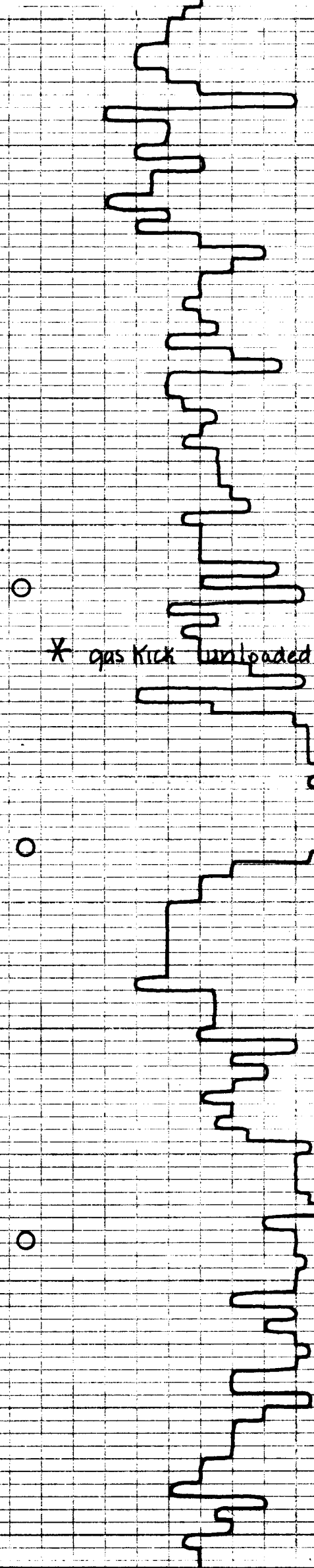
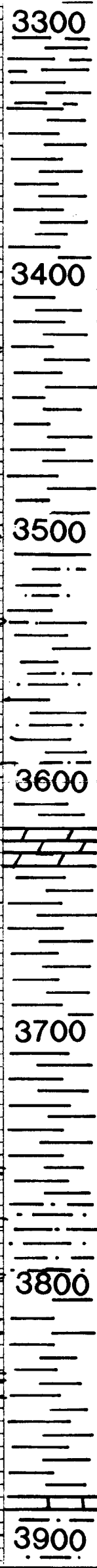
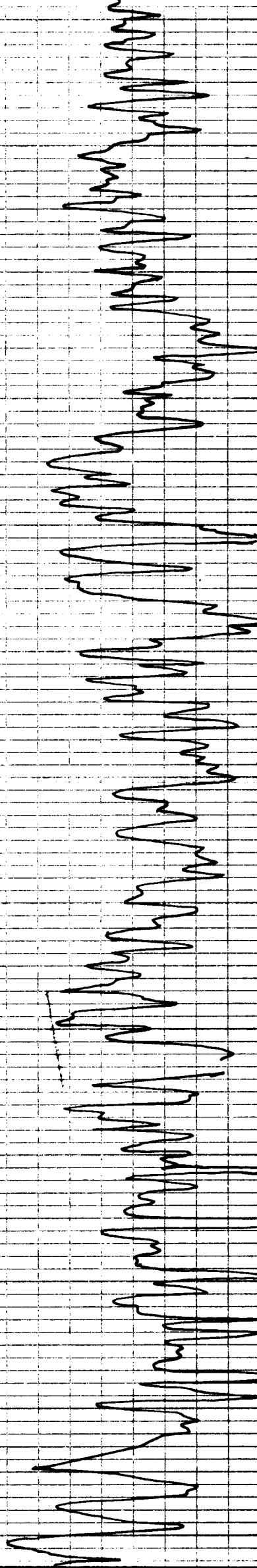
Sh: dk brn a/a; tr puritic; tr
ls: lt tan, micritic, platy
tr loose qtz, gr, v. med
ang. gr.

Bit 2 SBBCF out @ 3110
2833' in 39 1/4 hr.

Stuck @ 3110

Sh: m brn, dolomitic,
blky, fine tr blk res
on post frac planes
occ amp free oil

Sh: a/a; Sh: dk brn, calc,
blk, oil sh



Sh: dk brn, calc, blk, slow
building weak blossom cut
oil sh; sh: lt tan, calc,
sub ply, slow blk fair
blossom cut

Sh: lt tan, calc, ply to blk;
few drops, fast oil

tr Siltstn: tan, dolomitic, tr v f
sh, well cem, no vis per, sharp,
no fluor, slow wk strn cut,
w/ sh: aya

* gas kick unloaded hole @ 3550' ±

tr siltstn: wh, tr gray specks, calc
sh: tan, gray tan

Sh: dk brn, tan; tr siltstn: aya

Dol: lt gray tan, micritic, ply
even tex, much free oil
drops on water

Sh: m to tr dk brn; tr Dol: aya

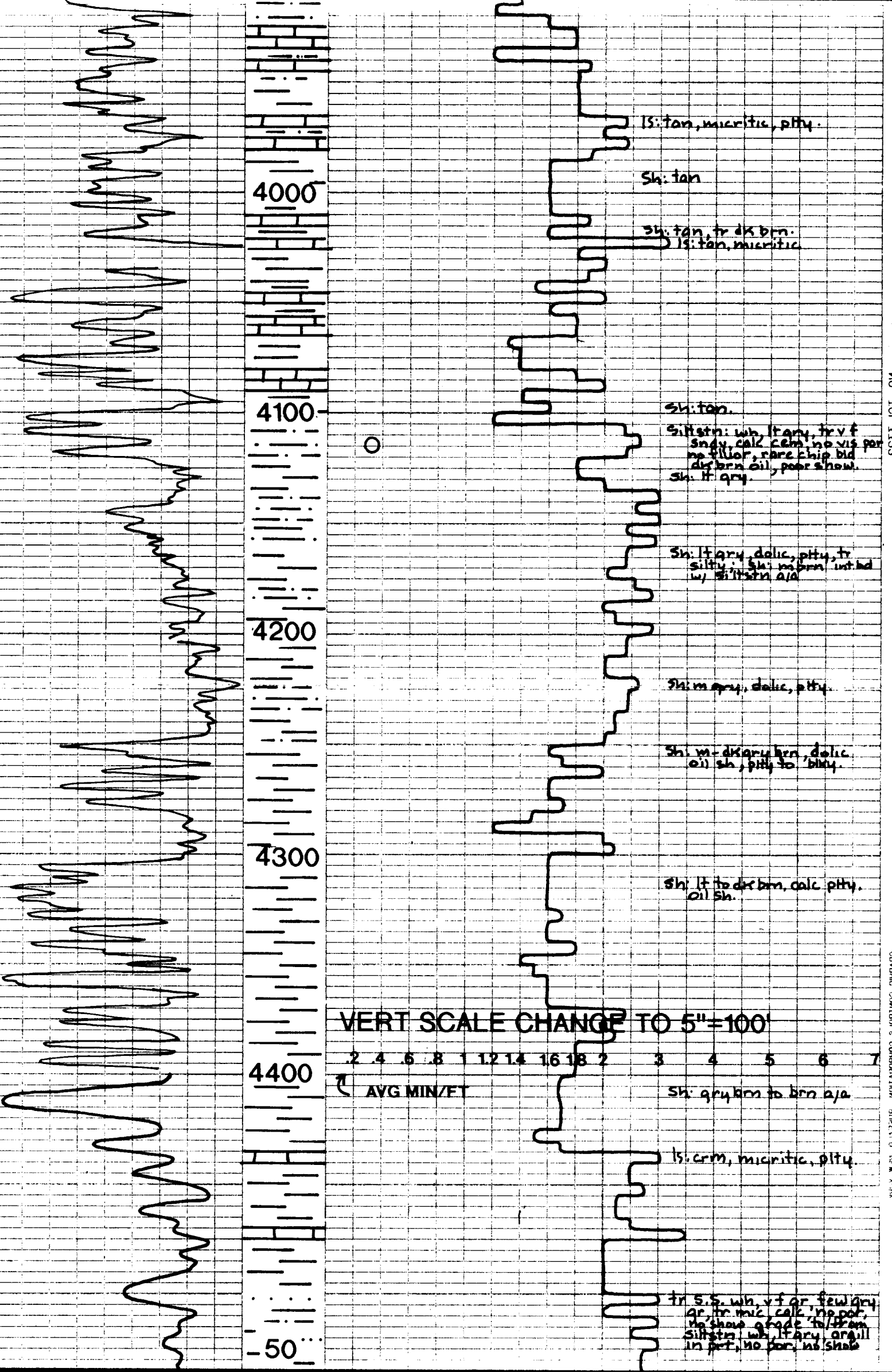
Sh: aya inc in dk brn

Sh: m to lt tan, blk

Siltstn: lt gray to wh, tr gray
specks, tr pyritic, calc cem,
no vis per, tr dk brn oil sh
in few chips, no fluor

Sh: lt tan, dolomitic, ply, firm
w/ sh: dk brn

ls: tan, micritic, ply
Siltstn: lt gray, tr v f sandy, tr
pyritic, silt mpt, sharp, no
per, no show



2nd GARDEN GULCH 4496 (+691)

4500

50

Y-1 SAND 4585

(+602)

4600

50

4700

Sh: lt gr, arg brn.

ls: crm, micritic, pthy

tr ss: wh, v fgr, tr sep, v fgr, calc, tr spity oil stn.

Sh: lt gr, delic, pthy; tr
sh: m-dk brn, arg grn
melt in ppt, non calc, pthy
Siltstn: wh, lt gr, sil calc,
pthy, tr sep

tr ss: wh, v fgr.

Siltstn: wh, tr v f sandy
white delic cern, no par

ss tan, v fgr, sub ang pty, w
brt, sil, calc, med ang, streaky
intergrowth, poor por, med to v
fri, tr pale, gold flwr, good
oil sat, sil bld, f-gr strom cut
good show

Sh: m gr, delic, pthy.

ss: wh, v fgr

ls: crm, micritic, pthy

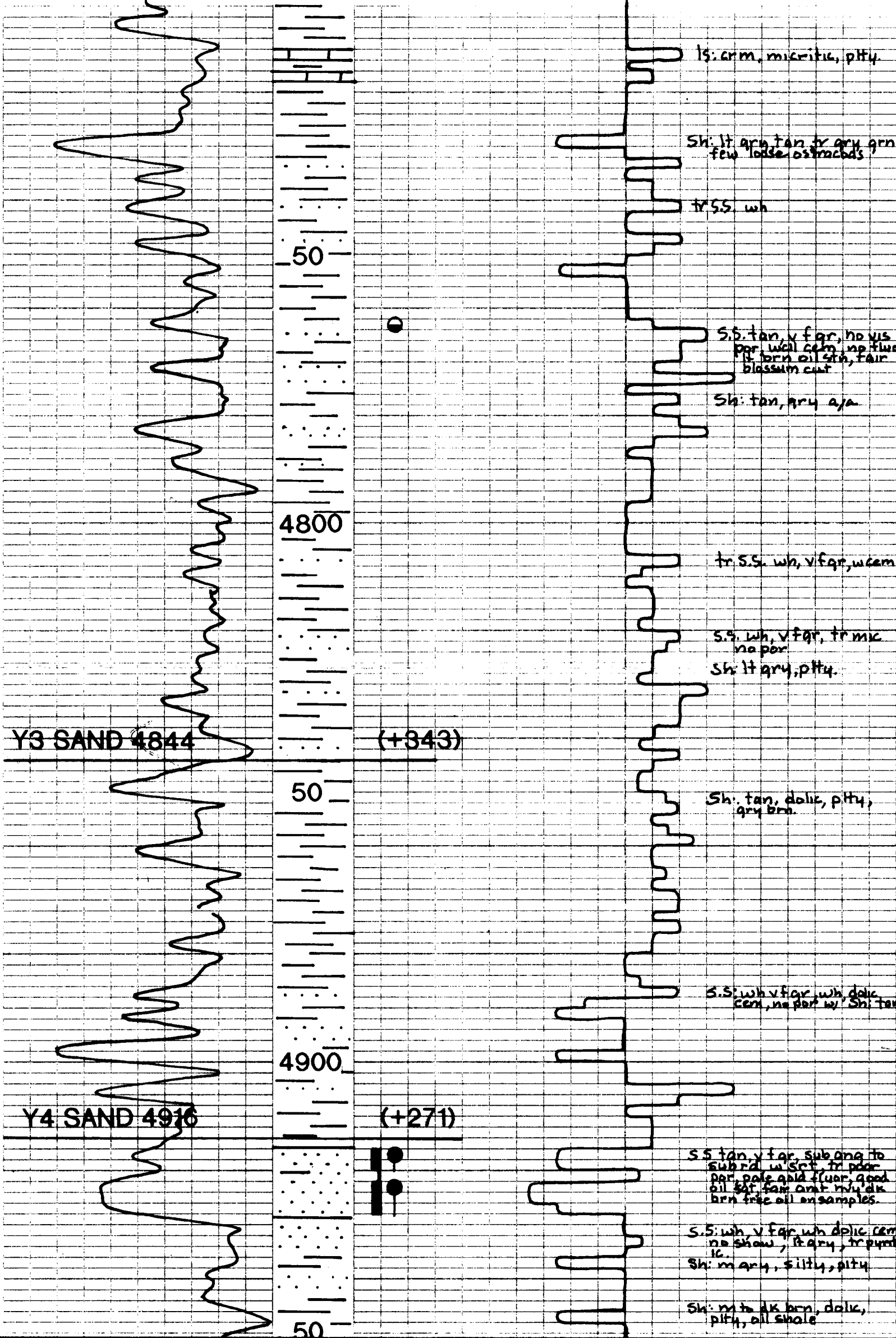
Sh: m-dk brn, tr rd-brn
delic, pthy.

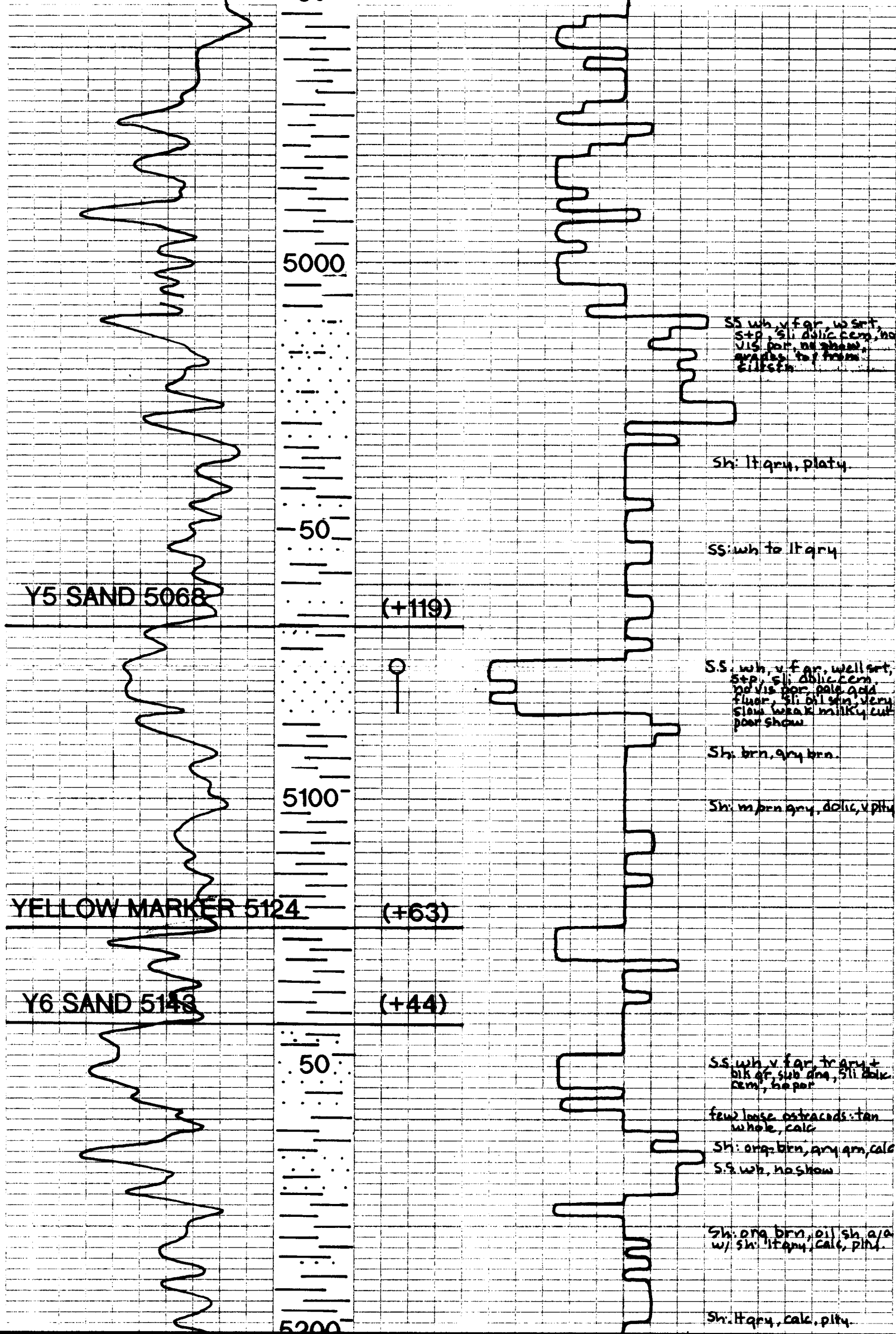
ss: wh, v fgr, no par

tr ss: tan, v fgr, wsr, no
vis por, tan oil stn, no
flwr, slow blossom cut
poor show

Sh: gr, silty in ppt

Sh: lt-dk brn.





Y6 5223

(-36)

S.S.

S.S. dk brn, v. far, fair gr, sub ang, w. cem, no vis par, sat w/ hvy bit oil, slow f-gd strn cut

Sh: lt gr, silty, calc, platy

Sh: dk gr, brn, oil sh

DOUGLAS CRK 5300

5300

(-113)

S.S. tan, mbrn, v. far, w. sat, sli calc cem, no vis par, pale gold flur, good oil strn, qd inst strn cut

Sh: mgy, calc, platy

S.S. lt tan, white, vt-far, sub ang, sub ang, poor sat, v. lt oil strn, dk brn strn, pale sat, good flur, inst w/ strn cut w/ S.S. lt gr, sli ang, etc

Sh: grtan, to mgy, mott grn.

intbd S.S. poor par, w/ cut

R2 SAND 5382

(-195)

5400

S.S. m to dk brn, vt-far, sub ang, sub ang, poor par, sli calc cem, good oil sat, bleeding oil techs, pale gold flur, slow fair blossom cut, f-gd show.

Sh: mgy, platy

with interbeds S.S.

R5 SAND 5500

(-313)

5500

0

S.S. lt tan few amy. gr.
v. ar. sub and to subord
non calc. w. sm. frag.
lt tan all sm. no brt
grn gold flint, slow
wk blossom cut.

Sh: lt gry, sli dolc, tr
grn gry, pity

SS wh, v. f. ar, w. cem,
no show

Sh: dk gry to brn blk tan,
v sli dolc, m. shale

50

2nd DOUGLAS CRK 5574

(-387)

5600

Sh a/a lt gry predom.

50

Sh: lt gry, lt tan, pale
gry, arh

Sh: black, waxy v. petrol-
iteous, no flint good
brt cut wh crushed,
lumpy.

↑

GREEN MKR 5722

5700

Sample

2

4

(-535)

Bit 3 ATJ 44 OUT @ 5724'
2014' in 94 hr.

Sh: m-dk brn, dolc,
silty, tr sh: qny-grn,
lt tan.

Sh: m-dk brn, dolc, silty,
silty.

trls: tan, oolitic, sparry
calc. matrix or supported,
no por, no show

S.S. wh, lt qny, stp, v. far
tr mic, wh calc cem,
no por, pale gold fluor,
sl. wh, stn cut, tr tan
ss, lt oil stn, pale fluor
wh stn cut, poor show

Sh: qny, tan

Sh: lt qny, dolc, silty

S.S. wh, v. f. far, tr stp,
tr sparry, bkn oil stn
poor show.

S.S. wh, v. f. far, well stn
Sh: dk qny, silty, carb,
dolc, blk

Sh: lt qny, dolc, silty,
tr sh: qny qny

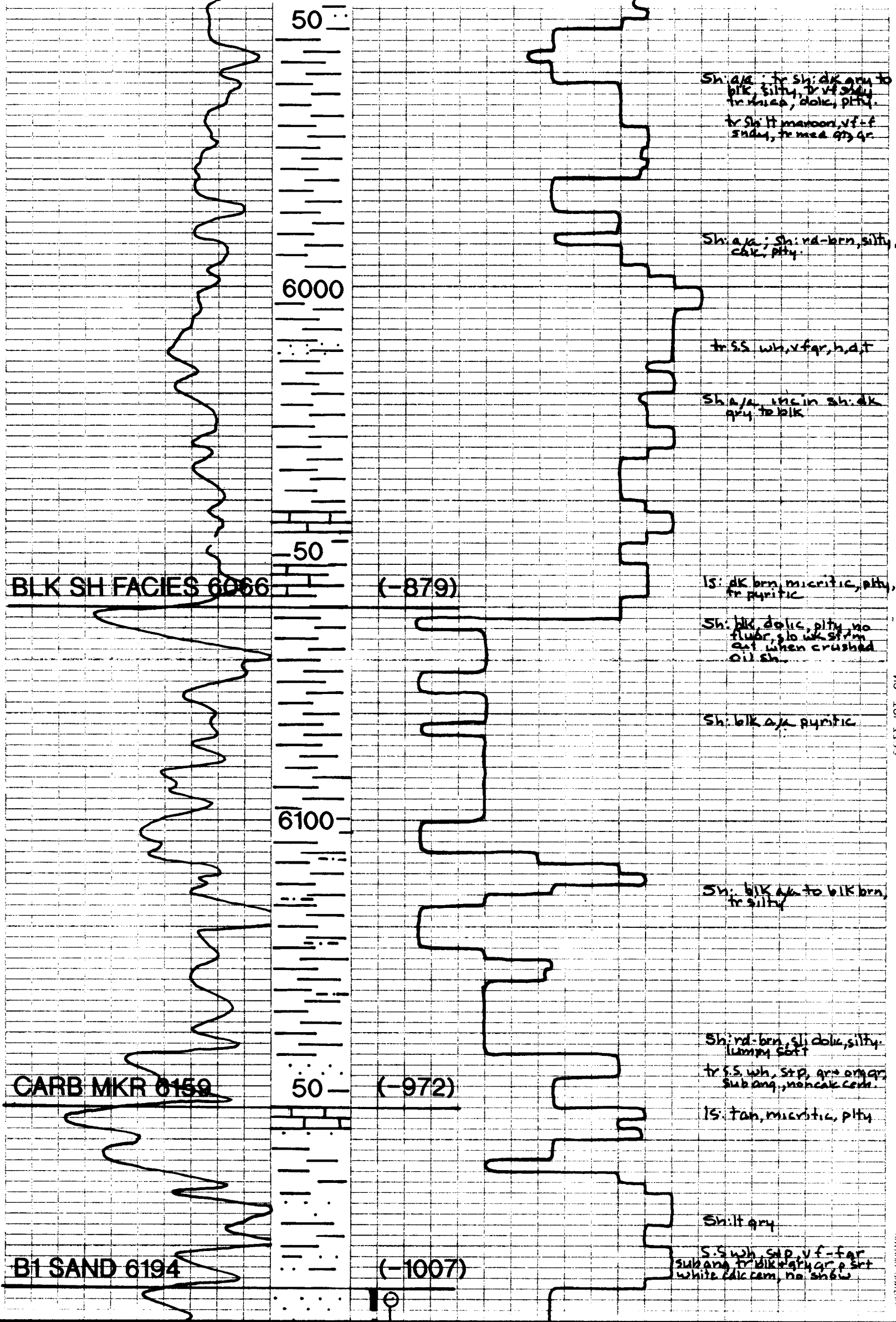
Sh: dk qny, banded, tr
silty, blk

50

5800

50

5900





50

Bit 4 ATJ44 out @ 6450'

726' in 27 hr.

6500

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other _____

CONFIDENTIAL

2. NAME OF OPERATOR
Equitable Resources Energy Company, Balcron Oil Division

3. ADDRESS OF OPERATOR
1601 Lewis Avenue, Billings, MT 59102 (406) 253-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 635' FNL & 658' FWL

At top prod. interval reported below

At total depth

DIVISION

14. PERMIT NO. 43-013-31539 DATE ISSUED 8-17-95

5. LEASE DESIGNATION AND SERIAL NO.

U-66191

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

n/a

7. UNIT AGREEMENT NAME

n/a

8. FARM OR LEASE NAME

Balcron Monument Federal

9. WELL NO.

#11-22-8-17Y

10. FIELD AND POOL, OR WILDCAT

Monument Butte/Green River

11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA

NW NW Section 22, T8S, R17E

12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE SPUDDED 10-25-95 16. DATE T.D. REACHED 11-5-95 17. DATE COMPL. (Ready to prod.) 11-29-95 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5175' GL 19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 6,450' 21. PLUG, BACK T.D., MD & TVD 6368' 22. IF MULTIPLE COMPL., HOW MANY* n/a 23. INTERVALS DRILLED BY SFC - TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4585' - 6281' Green River 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN NGRT/DSNT/SLT/DLT 11-7-95 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)					
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	262.29'	12-1/4"	160 sxs Class "G" w/additives	None
5-1/2"	15.5#	6424.20'	7-7/8"	645 sxs Super "G" w/additives	None
				425 sxs 50/50 FOZ w/additives	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-7/8"	6337.98'	n/a

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
6196'-6198' (2 SPF)	5387'-5389' (2 holes)	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6202'-6220' (2 SPF)	4585'-4594' (4 SPF)	** Please see attachment.	
6270'-6281' (2 SPF)			
5507'-5509' (4 holes)			
5391'-5396' (8 holes)			

33.* PRODUCTION							
DATE FIRST PRODUCTION 11-29-95		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 1-1/2" Insert Pump				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 12-21-95	HOURS TESTED 24	CHOKE SIZE n/a	PROD'N. FOR TEST PERIOD →	OIL—BBL. 34.43	GAS—MCF. N.M.	WATER—BBL. 39	GAS-OIL RATIO N.M.
FLOW, TUBING PRESS. n/a	CASING PRESSURE n/a	CALCULATED 24-HOUR RATE →	OIL—BBL. 34.43	GAS—MCF. N.M.	WATER—BBL. 39	OIL GRAVITY-API (CORR.) 34	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel. TEST WITNESSED BY Dale Griffin

35. LIST OF ATTACHMENTS #32. Acid, Shot, Fracture, Cement Squeeze, Etc. Information.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Molly Conrad TITLE Operations Secretary DATE 12-28-95

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			No DST's run.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Green River	2005'	2005
Horsebench SS	2864'	2864'
2nd Garden Gulch	4495'	4495'
Yellow Marker	5126'	5126'
Douglas Creek Marker	5299'	5299'
2nd Douglas Creek	5574'	5574'
Green Marker	5723'	5723'
Black Shale Facies	6066'	6066'
Carbonate Marker	6159'	6159'

**ATTACHMENT TO COMPLETION REPORT
BALCRON MONUMENT FEDERAL #11-22-8-17Y
NW NW Section 22, T8S, R17E
Duchesne County, Utah**

ACID, SHOT, FRACTURE, CEMENT SQUEEZE INFORMATION:

<u>DEPTH INTERVAL</u>	<u>AMOUNT AND KIND OF MATERIAL USED</u>
6196' - 6220'	Break down with 3015 gallons 2% KCL water.
6270' - 6281'	Break down with 2469 gallons 2% KCL water.
6196' - 6281'	Frac with 38,460# 20/40 mesh sand and 58,500# 16/30 mesh sand with 25,830 gallons 2% KCL gelled water.
5387' - 5396'	Break down with 2058 gallons 2% KCL water.
5507' - 5509'	Break down with 2142 gallons 2% KCL water.
5387' - 5509'	Frac with 23,580# 20/40 mesh sand and 35,020# 16/30 mesh sand with 18,900 gallons 2% KCL gelled water.
4585' - 4594'	Frac with 53,000# 16/30 mesh sand with 15,960 gallons 2% KCL gelled water.

12-28-95
/mc

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #11-22-8-17Y

Location: NW NW Section 22, T8S, R17E

Duchesne County, Utah

--TIGHT HOLE---

11-18-95 Completion

Made 9 swab runs, recovered 1 BO & 51 BW, no sand, gas cut. LD 1600' last 2 runs.

Release packer, tag sand @ 4620' KB, circ down to BP @ 4650' KB. Release BP & TOOH w/tbg, packer & BP. TIH w/tbg production string as follows:

	LENGTH	DEPTH KB
1 - Notched-Pinned collar 2-7/8"	.40'	6337.98'
1 - jt 2-7/8" EUE J-55 6.5#	33.10'	6337.58'
1 - Perf Sub 2-7/8" x 4'	4.10'	6304.48'
1 - SN	1.10'	6300.38'
56 - jts 2-7/8" EUE J-55 6.5#	1751.59'	6299.28'
1 - Tbg Anchor 2-7/8" x 5-1/2"	2.75'	4547.69'
145 - jt 2-7/8" EUE J-55 6.5#	4534.94'	4544.94'
KB	10.00'	

ND BOP, ND 5M wellhead, NU 3M wellhead. Set tbg anchor w/11" tension. TIH w/rod string as follows:

1 - DHP 2-1/2" x 1-1/2" x 16' RWAC w/pa plunger

251 - 3/4" x 25' D-61 Plain Rods

1 - 1-1/4" x 22' polish Rod

Pressure test DHP & tbg to 1000 psi - OK. SWI.

DC: \$2,242

CC: \$312,865

11-29-95 Started well pumping 3.5 spm, 84" stroke @ 11 a.m.

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #11-22-8-17Y

Location: NW NW Section 22, T8S, R17E

Duchesne County, Utah

635' FNL & 658' FWL

PTD: 6,500' Formation: Green River

Monument Butte

Elevations: 5175' GL

Contractor: Union Drilling

Operator: Balcron/EREC

Spud: 10-25-95

Casing: 8-5/8", 24#, J-55 @ 262.29'

5-1/2", 15.5#, J-55 @ 6424.20'

Tubing: 2-7/8", 6.5#, J-55 @ 6337.98'

--TIGHT HOLE--

10-19/23-95 Build location & install pit liner.

DC: \$14,869

CC: \$14,869

10-26-95 TD: 277' (277') Day 1

Formation: Uintah

Present Operation: WOC

MIRU. Drill rat hole & set conductor & air bowl. Drill 12-1/4" hole, blow hole, TOOH, ND air head. Run 6 jts 8-5/8" csg as follows:

Guide shoe .60'

1 jt 8-5/8" 24# shoe jt 41.95'

Baffle Plate ---

5 jts 8-5/8" 24# J-55 209.74'

252.29'

Landing jt 10.00'

8-5/8" csg set @ 262.29'

Cmt by BJ w/160 sxs Class "G" w/2% CCL & 1/4#/sx Cello-Seal. 4 bbls cmt back to pit. Plug down @ 2:15 a.m. Well spud @ 6 p.m. 10-25-95.

DC: \$10,749

CC: \$25,618

10-27-95 TD: 595' (318') Day 2

Formation: Uintah

MW air & mist

Present Operation: Rig Repair

NU BOP, test BOP & manifold to 2000# - OK. Test csg to 1500# - OK. TIH, drill cmt & drill ahead. Work on rig. Pull main down shaft & send to machine shop.

DC: \$5,068

CC: 430,686

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #11-22-8-17Y

Location: NW NW Section 22, T8S, R17E

Duchesne County, Utah

--TIGHT HOLE---

10-28-95 TD: 595' (0') Day 3
Formation: Uintah
MW air & mist
Present Operation: Rig repair.
Repair rig, should be back to drilling in a few hrs. Flange machine shop made for shaft would not fit. Had to make another flange.
DC: \$1,259 CC: \$31,945

10-29-95 TD: 2,130' (1,535') Day 4
Formation: Green River
MW air & mist
Present Operation: Drilling
Rig repairs, drill, survey, & clean on rig. BGG 8 to 10 units, CG 25 to 30 units.
DC: \$19,790 CC: \$51,735

10-30-95 TD: 3,110' (980') Day 5
Formation: Green River
MW air & mist
Present Operation: TIH
Drill, survey, plug bit, TOO H, bit not plugged. TIH, try to drill & plug bit, get stuck. Load hole w/fluid, get loose & TOO H. Change bit & start TIH. "Gilsonite".
DC: \$13,213 CC: \$64,948

10-31-95 TD: 3,856' (746') Day 6
Formation: Green River
MW 8.5 VIS 27 pH 10.1
Present Operation: Drilling
TIH, wash 30' to btm, drill, survey & clean on rig. 3500' over the drilling nipple gas 1500 units. BGG 40 to 60 units, CG 100 to 300 units.
DC: \$10,813 CC: \$75,261

11-1-95 TD: 4,499' (643') Day 7
Formation: 2nd Garden Gulch
MW 8.5 VIS 27 pH 10.1
Present Operation: Drilling
Drill, survey & clean on rig. BGG 150 to 200 units, CG 1700' to 2000 units.
DC: \$9,529 CC: \$85,290

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #11-22-8-17Y

Location: NW NW Section 22, T8S, R17E

Duchesne County, Utah

--TIGHT HOLE---

11-2-95 TD: 4,990' (491') Day 8
Formation: R-zone
MW 8.5 VIS 27 pH 10
Present Operation: Drilling
Drill, survey & clean on rig. Work on mud pump. Nothing exciting yet. BGG 40 to 50 units. CG 200 to 400 units.
DC: \$9,348 CC: \$94,638

11-3-95 TD: 5,561' (571') Day 9
Formation: R-Zone
MW 8.5 VIS 26 pH 10
Present Operation: Drilling
Drill, survey, & clean on rig. R-2 sand good oil & gas show. BGG 110 to 150 units, CG 750 to 1000 units.
DC: \$8,515 CC: \$103,153

11-4-95 TD: 5,893' (332') Day 10
Formation: Black Shale
MW 8.5 VIS 27 pH 10
Present Operation: Drilling
Drill, trip for bit & find 1 washed box & pin, PU 11 jts new drill pipe, repair fuel lines & drill ahead. BGG 100 to 130 units, CG 300 to 400 units.
DC: \$5,600 CC: \$108,753

11-5-95 TD: 6,450' (557') day 11
Formation: B-Zone
MW 8.6 VIS 27 pH 10.1
Present Operation: TOOH
Drill, survey, circ for logs, survey. Prepare to TOOH.
DC: \$8,571 CC: \$117,324

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #11-22-8-17Y

Location: NW NW Section 22, T8S, R17E

Duchesne County, Utah

--TIGHT HOLE--

- 11-6-95 TD: 6,450' (0') Day 12
Formation: B-Zone
Present Operation: ND BOP
TOOH for logs, log well. HLC fax wouldn't work, had to fax log in. Run drill collars in hole & WOC. LD drill pipe & collars, change pipe rams & test to 2000# - OK. RU casers & run 5-1/2" csg as follows:
Guide Shoe .60'
1 jt 5-1/2" 15.5# shoe jt 41.62'
Float Collar 1.00'
149 jts 5-1/2", 15.5# J-55 6370.98'
6414.20'
Landing jt 10.00'
Set 5-1/2" csg @ 6424.20'
PBSD: 6380.98'
Cmt by BJ w/645 sxs Super "G", 47#/sx G, 3% gel, 3#/sx POZ, 34#/sx BA-19, 2% gel, 3% salt, 3#/sx KOL seal & 1/4#/sx Celloseal. Tail w/425 sxs 50/50 POZ w/2% gel, 1/4#/sx Celloseal & 2#/sx KOL seal. 25-30 bbls cmt to surface. Plug down @ 7:00 a.m. Release rig @ 11 a.m.
DC: \$79,077 CC: \$196,401
- 11-8-95 Completion
MIRU Basin Well Service Rig #2. NU 5M wellhead, NU BOP. Tally in hole w/4-3/4" bit, 5-1/2" csg scraper, & 206 jts 2-7/8" tbg. Tag PBSD @ 6368' KB. Circ hole clean w/140 bbls 2% KCL wtr. Pressure test csg to 1000 psi - OK. TOOH w/tbg & tools. SWIFN.
DC: \$1,491 CC: \$197,892
- 11-9-95 Completion
RU Cutter Wireline to run CBL from 6362' KB to 50' KB w/1000 psi, TOC @ 100'. Perf 6196'-98', 6202'-20", & 6270'-81' (2 SPF). RD Cutter Wireline. TIH w/RBP, 2-3/8" x 6' sub, HD packer, 2-3/8" x 2-7/8" crossover, SN & 201 jts 2-7/8" tbg. Set BP @ 6246' KB, EOT @ 6155' KB, packer @ 6143' KB. RU BJ Services to break down 6196'-6220' KB w/3015 gals 2% KCL wtr. ATP 2100 psi, ATR 5 bpm, ISIP 1350 psi, Pump 4 balls/bbl. Circ balls off BP. Reset BP @ 6330' KB, EOT @ 6255' KB, packer @ 6243' KB. Break down 6270'-81' w/2469 gals 2% KCL wtr. ATP 2400 psi, ATR 4.9 BPM. ISIP 1500 psi, pump 2 balls/bbl. Flow back 30 BW. TOOH w/tbg, packer, & retrieving tool. Flow back 15 BW w/trace of green oil. 221 BLWTR. SWIFN.
DC: \$9,807 CC: \$207,699

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #11-22-8-17Y

Location: NW NW Section 22, T8S, R17E

Duchesne County, Utah

--TIGHT HOLE--

11-10-95 Completion

RU BJ Service to frac 6196'-6281' w/38,460# 20/40 mesh sand & 58,500# 16/30 mesh sand w/25,830 gals 2% KCL gelled wtr. ATP 1950 psi, ATR 30 bpm. ISIP 2100 psi, 5 min 1900 psi, 10 min 1770 psi, & 15 min 1690 psi. Open well up. TIH w/retrieving tool, 2-3/8" x 6' sub, HD packer, SN & 202 jts 2-7/8" tbg. Tag sand @ 6260' KB. Flowed back 54 BW & 6 BO. Circ down to BP & set packer @ 6143' KB. SIWFN. 447 BLWTR.

DC: \$34,874

CC: \$242,573

11-11-95 Completion

FL @ surface, flow back 8 BW. Made 34 swab runs, recovered 9 BO & 182 BW. Last 3 runs FL @ 3700', last 4 runs 25% oil. Last 3 runs 1% sand. Recovered 1050# sand while swabbing. SWIFN. 257 BLWTR.

DC: \$1,928

CC: \$244,501

11-12-95 Completion

FL @ 1800'. Made 23 swab runs. Recovered 57 BO & 58 BW. All runs 50% oil, good gs. FFL @ 5200'. Last 4 runs no sand. Release packer, tag sand @ 6233' KB. Circ down to BP @ 6310' KB. Try to release BP, could not release. TOOH w/tbg, packer & retrieving tool. SWIFN. 199 BLWTR.

DC: \$2,168

CC: \$246,669

11-13-95 Completion

TIH w/retrieving tools, 2-3/8" x 6' sub, 2-3/8" x 2-7/8" crossover, SN, bumper sub, & 204 jts 2-7/8" tbg. Fish & release BP, & TOOH w/tbg & tools. RU Cutter Wireline to perf 5507'-09' (4 holes), 5391'-96' (8 holes) & 5387'-89' (2 holes). RD Cutter Wireline. TIH w/RBP, retrieving tools, 2-3/8" x 6' sub, HD packer, SN, & 174 jts 2-7/8" tbg. Set BP @ 5450' KB, EOT @ 5338' KB, packer @ 5326' KB. RU BJ Services to break down 5387'-5396' w/2,058 gals 2% KCL wtr. ATP 2000 psi, ATR 5 bpm, ISIP 1300 psi, pump 2 balls/bbl. Reset BP @ 5560' KB, EOT @ 5463' KB & packer @ 5452' KB & break down 5507'-09' w/2,142 gals 2% KCL wtr, ATP 2600 psi, ATR 4.4 bpm, ISIP 1500 psi, pump 2 balls/bbl. TOOHw /tbg, packer & retrieving tool. RU BJ Services to frac 5387'-5509' w/23,580# 20/40 mesh sand & 35,020# 16/30 mesh sand w/18,900 gals 2% KCL gelled wtr. ATP 2850 psi, ATR 30.5 bpm. ISIP 1800 psi, 5 min 1725 psi, 10 min 1588 psi, 15 min 1512 psi, & 30 min 1389 psi. Flow back 255 BW, trace sand & trace oil. SWIFN.

DC: \$28,034

CC: \$274,703

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #11-22-8-17Y

Location: NW NW Section 22, T8S, R17E

Duchesne County, Utah

--TIGHT HOLE--

11-14-95 Completion

Flow back 80 BW, TIH w/retrieving tool, 2-3/8" x 6' sub, HD packer, 2-3/8" x 2-7/8" cross over, SN & 174 jts 2-7/8" tbg. Tag sand @ 5453' KB, 66' below top perf. Made 10 swab runs, stuck swab @ 350', parted sand line jars, could not recover swab, release packer & circ up tbg w/20 bbls 2% KCL wtr, recovered swab in lubricator. Reset packer, made 6 more swab runs, recovered 4 BO total & good gas. Recovered 188 BW total. Last FL @ 2600', oil 10% last 5 runs, & sand 1% last 7 runs.

DC: \$1,823

CC: \$276,526

11-15-95 Completion

FL 600'. Made 10 swab runs, recovered 38 BO (good gas) & 16 BW (no sand). Release packer, tag sand @ 5545' KB, circ down BP @ 5560' KB & release. Reset BP @ 4650' & test to 1000 psi - OK. TOO H w/tbg, packer & retrieving tool. RU Cutter Wireline & perf 4585'-94'. RD Cutter Wireline. TIH w/retrieving tool, 2-3/8" x 6' sub, packer, SN & 145 jts tbg. SWIFN.

DC: \$4,400

CC: \$280,926

11-16-95 Completion

Set packer @ 4527' & RU BJ Services to break down 4585'-94' w/2100 gals 2% KCL wtr. ATP 2000 psi, ATR 4.3 bpm, ISIP 1250, pump 4 balls/bbl. TOO H w/tbg, packer, & retrieving tool. RU BJ Services to frac 4585'-94' w/53,000# 16/30 mesh sand w/15,960 gals 2% KCL gelled wtr. ATP 2500 psi, ATR 31 bpm, ISIP 4990 psi, 5 min 4780 psi, 10 min 3530 psi, & 15 min 2530 psi. RD BJ. SI psi 1890 @ 11:00 a.m. & 1760 @ 12:00 p.m. 744 BLWTR.

DC: \$26,125

CC: \$307,051

11-17-95 Completion

Bleed well down flow back 50 BW. TIH w/retrieving tool, 2-3/8" x 6' sub, 2-3/8" x 2-7/8" crossover, SN & 64 jts 2-7/8" tbg. Tag sand @ 2336' KB to 2366' KB, tag @ 4331' KB. Circ down to 4660' KB, set packer @ 4544' KB. Made 15 swab runs, recovered 1 BO & 73 BW. 1% sand, gas cut. SWIFN.

DC: \$3,572

CC: \$310,623

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 9 of 11

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
 EQUITABLE RESOURCES ENERGY
 1601 LEWIS AVE
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890REPORT PERIOD (MONTH/YEAR): 3 / 96AMENDED REPORT ☐ (Highlight Changes)

Well Name API Number Entity Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ BALCRON FEDERAL 42-19Y 4304732616 11756 09S 18E 19	GRRV					
✓ BALCRON FEDERAL 12-20Y 4304732617 11758 09S 18E 20	GRRV					
✓ BALCRON FEDERAL 32-19Y 4304732615 11771 09S 18E 19	GRRV					
✓ BALCRON MONUMENT FEDERAL 24-25 4304732669 11825 08S 17E 25	GRRV					
✓ BALCRON MONUMENT FEDERAL 34-25 4304732670 11831 08S 17E 25	GRRV					
✓ BALCRON MONUMENT FEDERAL 22-22-8-17Y 01331538 11842 08S 17E 22	GRRV					
✓ BALCRON MONUMENT FEDERAL 11-22-8-17Y 4301331539 11845 08S 17E 22	GRRV					
✓ BALCRON MONUMENT FEDERAL 11-20-9-18Y 4304732712 11846 09S 18E 20	GRRV					
✓ BALCRON MONUMENT FEDERAL 22-20-9-18Y 4304732711 11852 09S 18E 20	GRRV					
✓ BALCRON MONUMENT FEDERAL 14-3-9-17Y 4301331535 11857 09S 17E 3	GRRV					
✓ BALCRON MONUMENT FEDERAL 21-10-9-17Y 4301331537 11859 09S 17E 10	GRRV					
✓ BALCRON MONUMENT STATE 21-2-9-17Y 4304732703 11863 09S 17E 2	GRRV					
✓ BALCRON MONUMENT FEDERAL 12-10-9-17Y 4301331536 11867 09S 17E 10	GRRV					
TOTALS						

COMMENTS: _____

hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

UTAH - ALL

Balcron Coyote Fed. #42-6X	Coyote Basin	SE NE	6	8S	25E	Uintah	UT	OSI	Green River	U-017439-B	43-047-32346	1987' FNL, 682' FEL	Vernal	Coyote Basin
Balcron Coyote Fed. #44-6	Coyote Basin	SE SE	6	8S	25E	Uintah	UT	PND	Green River	U-017439B	43-047-32421	560' FSL, 760' FEL	Vernal	Coyote Basin
Balcron Federal #12-20Y	8 Mile Flat N.	SW NW	20	9S	18E	Uintah	UT	Oil	Green River	U-64917	43-047-32617	1980' FNL, 660' FWL	Vernal	
Balcron Federal #12-22Y	8 Mile Flat N.	SW NW	22	8S	17E	Duchesne	UT	Oil	Green River	U-66191	43-013-31476	2105' FNL, 660' FWL	Vernal/Priv.sfc.	
Balcron Federal #21-13Y	Monument Butte	NE NW	13	9S	16E	Duchesne	UT	Oil	Green River	U-64805	43-013-31400	703' FNL, 1831' FWL	Vernal	
Balcron Federal #21-25Y	Monument Butte	NE NW	25	9S	16E	Duchesne	UT	Oil	Green River	U-64380	43-013-31994	500' FNL, 1980' FWL	Vernal	
Balcron Federal #21-9Y	Monument Butte	NE NW	9	9S	16E	Duchesne	UT	Oil	Green River	U-65207	43-013-31396	476' FNL, 2051' FWL	Vernal	
Balcron Federal #22-10Y	Monument Butte	SE NW	10	9S	17E	Duchesne	UT	Oil	Green River	U-65210	43-013-31395	1980' FNL, 1980' FWL	Vernal	
Balcron Federal #24-3Y	Monument Butte	SE SW	3	9S	17E	Duchesne	UT	Oil	Green River	U-64381	43-013-31397	562' FSL, 1887' FWL	Vernal	
Balcron Federal #31-14Y	Undesignated	NW NE	14	9S	19E	Uintah	UT	PND	WASATCH	U-66193		500' FNL, 2740' FWL	Vernal/Priv.sfc.	
Balcron Federal #31-19Y	8 Mile Flat N.	NW NE	19	9S	18E	Duchesne	UT	Oil	Green River	U-65635	43-047-32614	660' FNL, 1880' FEL	Vernal	
Balcron Federal #31-5Y	8 Mile Flat N.	NW NE	5	9S	18E	Uintah	UT	Oil	Green River	U-65970	43-047-32503	660' FNL, 1980' FEL	Vernal	
Balcron Federal #32-19Y	8 Mile Flat N.	SW NE	19	9S	18E	Uintah	UT	Oil	Green River	U-65635	43-047-32615	1980' FNL, 1980' FEL	Vernal	
Balcron Federal #41-19Y	Monument Butte	NE NE	19	9S	17E	Duchesne	UT	Oil	Green River	U-65967	43-047-32504	660' FSL, 660' FEL	Vernal	
Balcron Federal #41-21Y	Monument Butte	NE NE	21	9S	16E	Duchesne	UT	Oil	Green River	U-64379	43-013-31392	970' FNL, 894' FEL	Vernal	
Balcron Federal #42-19Y	8 Mile Flat N.	SE NE	19	9S	18E	Uintah	UT	Oil	Green River	U-65635	43-047-32616	2100' FNL, 500' FEL	Vernal	
Balcron Federal #44-14Y	Monument Butte	SE SE	14	9S	17E	Uintah	UT	Oil	Green River	U-64806	43-047-32438	1008' FSL, 832' FEL	Vernal	
Balcron Federal #44-4Y	8 Mile Flat N.	SE SE	4	9S	17E	Duchesne	UT	Oil	Green River	U-65635	43-013-31452	660' FNL, 660' FEL	Vernal	
Balcron Monument Fed. #11-10-9-17Y		NW NW	10	9S	17E	Duchesne	UT	PND	Green River				Vernal	
Balcron Monument Fed. #11-20-9-18Y	Monument Butte	NW NW	20	9S	18E	Uintah	UT	OIL	Green River	U-64917	43-047-32712	500' FNL, 500' FWL	Vernal	
Balcron Monument Fed. #11-22-8-17Y	Monument Butte	NW NW	22	8S	17E	Duchesne	UT	OIL	Green River	U-66191	43-013-31539	635' FNL, 658' FWL	Vernal	
Balcron Monument Fed. #11-25	Monument Butte	NW NW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32455	739' FNL, 648' FWL	Vernal	
Balcron Monument Fed. #11-6	Monument Butte	NW NW	6	9S	17E	Duchesne	UT	WIW	Green River	U-020252-A	43-013-31362	804' FNL, 696' FWL	Vernal	Jonah
Balcron Monument Fed. #11-7J	Monument Butte	NW NW	7	9S	17E	Duchesne	UT	COMPL-WIW	Green River	U-44426	43-013-31492	681' FNL, 447' FWL	Vernal	Jonah
Balcron Monument Fed. #12-10-9-17Y	Monument Butte	SW NW	10	9S	17E	Duchesne	UT	COMPL	Green River	U-65210	43-013-31536	1994' FNL, 618' FWL	Vernal	
Balcron Monument Fed. #12-11J	Monument Butte	SW NW	11	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31417	2128' FNL, 689' FWL	Vernal	Jonah
Balcron Monument Fed. #12-12J	Monument Butte	SW NW	12	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31410	739' FNL, 648' FWL	Vernal	Jonah
Balcron Monument Fed. #12-14J	Monument Butte	SW NW	14	9S	16E	Duchesne	UT	PND	Green River	U-096547	43-013-31488	2004' FNL, 658' FWL	Vernal	Jonah
Balcron Monument Fed. #12-17	Monument Butte	SW NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31431	1980' FNL, 660' FWL	Vernal	Beluga
Balcron Monument Fed. #12-25	Undesignated	SW NW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32526	1486' FNL, 875.7' FWL	Vernal	
Balcron Monument Fed. #12-7J	Monument Butte	SW NW	7	9S	17E	Duchesne	UT	Oil	Green River	U-44426	43-013-31493	1965' FNL, 620' FWL	Vernal	Jonah
Balcron Monument Fed. #13-11J	Monument Butte	NW SW	11	9S	16E	Duchesne	UT	Oil	Green River	U-096547	43-013-15790	1819' FSL, 658' FWL	Vernal	Jonah
Balcron Monument Fed. #13-5	Monument Butte	NW SW	5	9S	17E	Duchesne	UT	WIW	Green River	U-020252	43-013-31370	1980' FSL, 660' FWL	Vernal	Jonah
Balcron Monument Fed. #13-8	Monument Butte	NW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31382	2060' FSL, 694' FWL	Vernal	Beluga
Balcron Monument Fed. #14-11	Monument Butte	SW SW	11	9S	16E	Duchesne	UT	WIW	Green River	U-096547	43-013-31374	1048' FSL, 446' FWL	Vernal	Jonah



**EQUITABLE RESOURCES
ENERGY COMPANY**

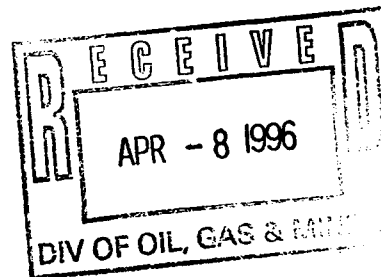
BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

March 22, 1996

Utah Division of Oil, Gas and Mining
355 West North Temple
Salt Lake City, UT 84180



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Bobbie Schuman
Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☐ OTHER: See attached listing

2. Name of Operator:
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone Number:
1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well
Footages: See attached listing

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:
See attached listing

6. If Indian, Allottee or Tribe Name:
n/a

7. Unit Agreement Name:
See attached listing

8. Well Name and Number:
See attached listing

9. API Well Number:
See attached listing

10. Field and Pool, or Wildcat:
See attached listing

County: See attached list

State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Operator name change</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

13.

Name & Signature: Bobbie Schuman
Bobbie Schuman

Title: Regulatory and Environmental Specialist Date: March 27, 1996

(This space for State use only)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☐ Change of Operator (well sold)

☐ Designation of Agent

☐ Designation of Operator

~~Operator Name Change Only~~

Routing:

1	LEP 7-SJ
2	DEB 58-FILE
3	VLD (GTL) EA
4	RJE
5	LEP
6	FILM

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY COEROM</u> (former operator)	<u>EQUITABLE RESOURCES ENERGY CO</u>
(address)	<u>1601 LEWIS AVE</u>	(address) <u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
		<u>BILLINGS MT 59102-4126</u>
	phone (406) <u>259-7860</u>	phone (406) <u>259-7860</u>
	account no. <u>N9890</u>	account no. <u>N9890</u>

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: <u>013-31539</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Yes 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 4-4-96 & 4-8-96)
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ (4-10-96)
- Yes 6. Cardex file has been updated for each well listed above. (4-11-96)
- Yes 7. Well file labels have been updated for each well listed above. (4-11-96)
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (4-10-96)
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

5578314 (\$80,000) Scheco Ins. Co. (Bond Rider In Progress)

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 4/26/96 2. Copies of documents have been sent to State Lands for changes involving State leases.
Sent to Ed Bonner - Trust Lands

FILMING

- Yes 1. All attachments to this form have been microfilmed. Date: May 30 1996.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

9/6/04/10 BLM/BIA "Formal approval not necessary"



RECEIVED
OCT 10 1997

October 7, 1997

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

RE: Change of Operator
Duchesne & Vernal Counties, Utah


Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

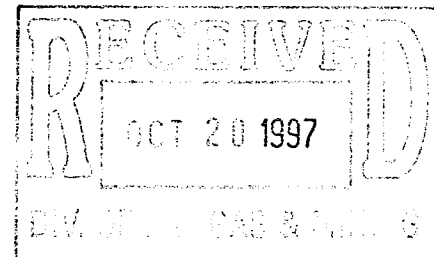
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY


Patsy Barreau

/pb
encls.



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Inland Production Company

3. Address and Telephone Number:

475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well

Footages: See Attached Exhibit

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

County:

State:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> | |

Date of work completion 9-30-97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was :

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

OCT 1 6 1997

13.

Name & Signature:

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date:

9/30/97

(Use space for State use only)

INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
AMERADA GUINAND #1	SWNW 7 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-20245-00	UTU016271V	UTU72085A
✓ COYOTE BASIN #1-12	NESE 128S 24E	UINTAH	UT	COYOTE BASIN	43-047-20221-00	UTU58226	UTU72085A
✓ COYOTE BASIN #32-6	6 8S 25E	UINTA	UT	COYOTE BASIN	43-047-31835-00	UTU020309D	UTU72085A
✓ COYOTE BASIN #42-6X	SENE 6 8S 25E	UINTA	UT	COYOTE BASIN	43-047-32346-00	UTU017439B	UTU72085A
✓ COYOTE BASIN FED. #13-7	NWSW 7 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-32255-00	UTU41377	UTU72085A
✓ COYOTE BASIN FEDERAL #12-13	SWNW 138S 24E	UINTA	UT	COYOTE BASIN	43-047-31266-00		UTU72085A
✓ COYOTE BASIN FEDERAL #13-5	NWSW 5 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-32261-00	UTU063597A	UTU72085A
✓ COYOTE BASIN FEDERAL #13-13	NWSW 138S 24E	UINTAH	UT	COYOTE BASIN	43-047-32196-00	UTU67208	UTU72085A
✓ COYOTE BASIN FEDERAL #21-7	NENW 7 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-31673-00	UTU41377	UTU72085A
✓ COYOTE BASIN FEDERAL #22-7	SENW 7 9S 25E	UINTAH	UT	COYOTE BASIN	43-047-32256-00	UTU41377	UTU72085A
✓ COYOTE BASIN FEDERAL #33-5	NWSE 5 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-32257-00	UTU063597A	UTU72085A
✓ COYOTE BASIN FEDERAL #43-12	NESE 128S 24E	UINTA	UT	COYOTE BASIN	43-047-30943-00	UTU038797	UTU72085A
✓ COYOTE FEDERAL #12-5	SWNW 5 8S 25E	UNITAH	UT	COYOTE BASIN	43-047-32253-00	UTU063597A	UTU72085A
✓ COYOTE FEDERAL #21-5	NENW 5 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-32260-00	UTU063597A	UTU72085A
✓ COYOTE FEDERAL #31-7	NWNE 7 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-32254-00	UTU020309D	UTU72085A
✓ EAST RED WASH #2-5	NWNW 5 8S 25E	UINTA	UT	COYOTE BASIN	43-047-20252-00	UTU063597A	UTU72085A
✓ EAST RED WASH FED. #1-12	SWNE 128S 24E	UINTA	UT	COYOTE BASIN	43-047-20207-00	UTU038797	UTU72085A
✓ EAST RED WASH FED. #4-6	SWSE 6 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-20261-00	UTU020309D	UTU72085A
✓ EAST RED WASH FEDERA #1-13	NENW 138S 24E	UINTA	UT	COYOTE BASIN	43-047-20222-00	UTU018073	UTU72085A
✓ EAST RED WASH FEDERA #1-5	SENW 5 8S 25E	UINTA	UT	COYOTE BASIN	43-047-20174-00	UTU063597A	UTU72085A
✓ EAST RED WASH FEDERA #1-6	NESE 6 8S 25E	UINTA	UT	COYOTE BASIN	43-047-20208-00	UTU017439B	UTU72085A
✓ FEDERAL #14-4	SWSW 4 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-15678-00	UTU41376	UTU72085A
✓ TXO FEDERAL #2	SENE 5 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-31567-00	UTU41376	UTU72085A
✓ TXO FEDERAL #1	SWNE 5 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-31406-00	UTU41376	UTU72085A
✓ BALCRON FEDERAL #12-20Y	SWNW 209S 18E	UINTAH	UT	EIGHT MILE FLAT (8)	43-047-32617-00	UTU64917	
✓ BALCRON FEDERAL #31-19Y	NWNE 199S 18E	UINTAH	UT	EIGHT MILE FLAT (8)	43-047-32614-00	UTU65635	
✓ BALCRON FEDERAL #32-19Y	SW NE 199S 18E	UINTAH	UT	EIGHT MILE FLAT (8)	43-047-32615-00	UTU65635	
✓ BALCRON FEDERAL #42-19Y	SENE 199S 18E	UINTAH	UT	EIGHT MILE FLAT (8)	43-047-32616-00	UTU65635	
✓ BALCRON FEDERAL #31-5Y	NWNE 5 9S 18E	UINTAH	UT	EIGHT MILE FLAT (U)	43-047-32503-00	UTU65970	
✓ BALCRON FEDERAL #11-22Y	NW NW 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31539-00	UTU66191	
✓ BALCRON FEDERAL #12-22Y	SWNW 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31476-00	UTU66191	
✓ BALCRON FEDERAL #22-22Y	SE NW 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31538-00	UTU76240	
✓ FEDERAL #1-26	NENW 268S 17E	UINTAH	UT	MONUMENT BUTTE (22)	43-047-31953-00	UTU76240	
✓ MONUMENT FEDERAL #13-22Y	NW SW 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31583-00	UTU76240	
✓ MONUMENT FEDERAL #23-22-8-17	NESW 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31702-00	UTU76240	
✓ MONUMENT FEDERAL ##31-22	NW NE 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31587-00	UTU76240	
✓ MONUMENT FEDERAL #32-22-8-17	SW NE 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31586-00	UTU76240	
✓ MONUMENT FEDERAL #33-22-8-17	NWSE 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31588-00	UTU76240	
✓ BALCRON FEDERAL #11-20Y	NW NW 209S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32712-00	UTU64917	



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office
170 South 500 East
Vernal, Utah 84078-2799

Phone: (801) 781-4400
Fax: (801) 781-4410

IN REPLY REFER TO:

3162.3
UT08438

December 5, 1997

Inland Production Company
475 17th Street, Suite 1500
Denver, CO 80202

43-013-31539
Re: Well No. Monument Fed. 11-22-8-17
NWNW, Sec. 22, T8S, R17E
Lease U-66191
Duchesne County, Utah

Dear Sir:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager,
Minerals Resources

cc: Division of Oil, Gas & Mining
Equitable Resources Energy Company
ABO Petroleum Corp.
Myco Industries Inc.
Yates Drilling Company
Yates Petroleum Corp.



EQUITABLE RESOURCES ENERGY COMPANY

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: Lisha
St of Utah.

FROM. Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet 2.

NOTE: Here is the letter you requested.
Call if you need anything
further.

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

1-LEC	6-LEC
2-GLH	7-KAS
3-DTS	8-SI
4-VLD	9-FILE
5-JRB	

☒ Change of Operator (well sold)☐ Designation of Agent☐ Designation of Operator☐ Operator Name Change OnlyThe operator of the well(s) listed below has changed, effective: 9-30-97

TO: (new operator)	<u>INLAND PRODUCTION COMPANY</u>	FROM: (old operator)	<u>EQUITABLE RESOURCES ENERGY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>PO BOX 577</u>
	<u>ROOSEVELT UT 84066</u>		<u>LAUREL MT 59044</u>
			<u>C/O CRAZY MTN O&G SERVICES</u>
Phone:	<u>(801) 722-5103</u>	Phone:	<u>(406) 628-4164</u>
Account no.	<u>N5160</u>	Account no.	<u>N9890</u>

WELL(S) attach additional page if needed:

Name: **SEE ATTACHED**	API: <u>43-013-31539</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- LEC 1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). *(Rec'd 12-10-97)*
- LEC 2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). *(Rec'd 10-20-97)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) ____ If yes, show company file number: _____
- LEC 4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- LEC 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(12-9-97)*
- LEC 6. Cardex file has been updated for each well listed above. *(12-10-97)*
- LEC 7. Well file labels have been updated for each well listed above. *(12-10-97)*
- LEC 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(12-9-97)*
- LEC 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- YHC 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A YHC 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operator's bond files.
3. The FORMER operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A DC 3/21/97 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 19 , of their responsibility to notify all interest owners of this change.

FILMING

- YHC 1. All attachments to this form have been microfilmed. Today's date: 1.6.98.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

971209 BLM / Vernal Apr 12-4-97.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-66191

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

BALCRON MONUMENT FEDERAL 11-22Y

9. API Well No.

43-013-31539

10. Field and Pool, or Exploratory Area

TREATY BOUNDARY

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

0635 FNL 0658 FWL NW/NW Section 22, T08S R17E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

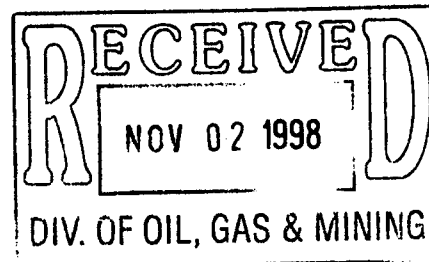
☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Site Security**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

Archie E. Knight

Title

Manager, Regulatory Compliance

Date

10/30/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

Inland Production Company Site Facility Diagram

Federal 11-22Y

NW/NW Sec. 22, T8S, 17E

Duchesne County

May 12, 1998

Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

Production Phase:

- 1) Valves 1 and 3 sealed closed
- 2) Valves 2 and 4 sealed open

Sales Phase:

- 1) Valves 1, 2, 4, 5 sealed closed
- 2) Valves 1 open

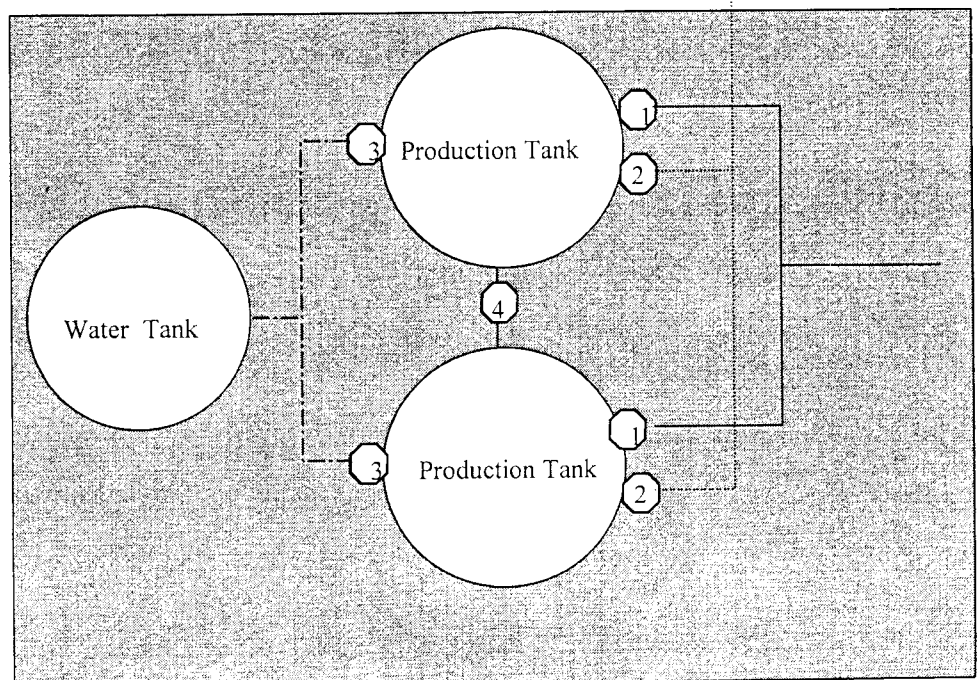
Draining Phase:

- 1) Valve 3 open

Gas Sales Meter

Pumping Unit

Diked Section



Emulsion Line

Load Line _____

Water Line — · — · — · — · — ·

Gas Sales — . . — . . — . . — . .



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

OPERATOR INLAND PRODUCTION COMPANY

OPERATOR ACCT. NO. N 5160

ADDRESS _____

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	11917	12299	43-013031587	MONUMENT FED 31-22-8-17	NWNE	22	8S	17E	DUCHESNE		12-1-98
WELL 1 COMMENTS: 990216 CANVASBACK UNIT/GRRV EFFECTIVE 12-1-98; ENTITY CHANGED.											
D	11845	12299	43-013-31539	MONUMENT FED 11-22Y-8-17	NWNW	22	8S	17E	DUCHESNE		12-1-98
WELL 2 COMMENTS: 990216 CANVASBACK UNIT/GRRV EFFECTIVE 12-1-98; ENTITY CHANGED.											
D	11717	12299	43-013-31476	MONUMENT FED 12-22Y-8-17	SWNW	22	8S	17E	DUCHESNE		12-1-98
WELL 3 COMMENTS: 990216 CANVASBACK UNIT/GRRV EFFECTIVE 12-1-98; ENTITY CHANGED.											
D	11842	12299	43-013-31538	MONUMENT FED 22-22Y-8-17	SENW	22	8S	17E	DUCHESNE		12-1-98
WELL 4 COMMENTS: 990216 CANVASBACK UNIT/GRRV EFFECTIVE 12-1-98; ENTITY CHANGED.											
D	11959	12299	43-013-31586	MONUMENT FED 32-22-8-17	SWNE	22	8S	17E	DUCHESNE		12-1-98
WELL 5 COMMENTS: 990216 CANVASBACK UNIT/GRRV EFFECTIVE 12-1-98; ENTITY CHANGED.											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

DOGM (KDR)

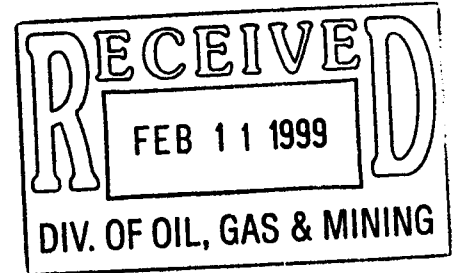
Signature _____

2-16-99

Title _____

Date _____

Phone No. () _____



February 10, 1999

State of Utah
Division of Oil, Gas & Mining
Attn: Kristen Risbeck
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Dear Kristen:

Thank you so much for your assistance yesterday with the Canvasback Unit. As we unitize areas and get the final approval, we have always in the past selected one well within the unit and assigned that entity number to the unit.

The entity number that you and I selected yesterday was 12299. This had been the entity number for the Pariette Draw #8-22 and now it will be the entity number for the whole Canvasback Unit. This entity number change will be effective December 1, 1998.

I am enclosing a listing of all the wells currently in the Canvasback Unit. I have listed the name of the well with the old entity number and the A.P.I. number. In the future any wells drilled within this unit will be assigned the entity number of 12299.

If you have any questions or need further information, please don't hesitate to call me.

Sincerely,

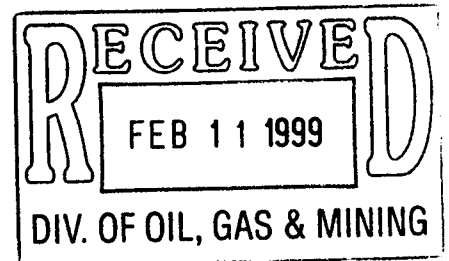
Kebbie S. Jones
District Administrator

Enclosures

/kj

CANVASBACK UNIT - ENTITY #12299

FIELD	WELL NAME	OLD ENTITY #	API NUMBER	
CANVASBACK UNIT	MONUMENT FEDERAL #31-22-8-17	11917	43-013-31587	NWNE S22T8SR17
CANVASBACK UNIT	MONUMENT FEDERAL #11-22Y-8-17	11845	43-013-31539	NWNN S22T8SR17
CANVASBACK UNIT	MONUMENT FEDERAL #12-22Y-8-17	11717	43-013-31476	SWNW S22T8SR17
CANVASBACK UNIT	MONUMENT FEDERAL #22-22Y-8-17	11842	43-013-31538	SENW S22T8SR17
CANVASBACK UNIT	MONUMENT FEDERAL #32-22-8-17	11959	43-013-31586	SWNE S22T8SR17
CANVASBACK UNIT	PARIETTE DRAW FEDERAL #8-22-8-17	12299	43-013-31826	SENE S22T8SR17
CANVASBACK UNIT	MONUMENT FEDERAL #33-22-8-17	12024	43-013-31588	NWSE S22T8SR17
CANVASBACK UNIT	MONUMENT FEDERAL #23-22-8-17	12031	43-013-31702	NESW S22T8SR17
CANVASBACK UNIT	MONUMENT FEDERAL #13-22Y-8-17	11942	43-013-31583	NWSW S22T8SR17



OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004**FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

TO: (New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.**Unit:****CANVASBACK (GREEN RIVER)****WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
BALCRON FED 12-22Y	22	080S	170E	4301331476	12299	Federal	WI	A
BALCRON MON FED 22-22-8-17Y	22	080S	170E	4301331538	12299	Federal	OW	P
BALCRON MON FED 11-22-8-17Y	22	080S	170E	4301331539	12299	Federal	OW	P
MON FED 13-22-8-17Y	22	080S	170E	4301331583	12299	Federal	OW	S
MON FED 32-22-8-17	22	080S	170E	4301331586	12299	Federal	WI	A
MON FED 31-22-8-17	22	080S	170E	4301331587	12299	Federal	OW	P
MON FED 33-22-8-17	22	080S	170E	4301331588	12299	Federal	OW	P
MON FED 23-22-8-17Y	22	080S	170E	4301331702	12299	Federal	WI	A
PARIETTE DRAW 8-22	22	080S	170E	4301331826	12299	Federal	OW	P
CANVASBACK 13A-22-8-17	22	080S	170E	4301332238	12299	Federal	OW	P
CANVASBACK 14-22-8-17	22	080S	170E	4301332239	12299	Federal	OW	P
CANVASBACK 15-22-8-17	22	080S	170E	4301332240	12299	Federal	OW	P
CANVASBACK 16-22-8-17	22	080S	170E	4301332241	12299	Federal	OW	P
FEDERAL 13-23-8-17	23	080S	170E	4301332340	12299	Federal	OW	P
CANVASBACK 12-23-8-17	23	080S	170E	4301332341	12299	Federal	OW	P
CANVASBACK 4-23-8-17	23	080S	170E	4301332342	12299	Federal	OW	P
CANVASBACK 5-23-8-17	23	080S	170E	4301332343	12299	Federal	OW	P
FEDERAL 14-23-8-17	23	080S	170E	4304734556	12299	Federal	OW	P
CANVASBACK 15-23-8-17	23	080S	170E	4304734557	12299	Federal	D	PA
CANVASBACK 3-23-8-17	23	080S	170E	4304734567	12299	Federal	OW	P

K

K

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Newfield Production Company

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

0635 FNL 0658 FWL

NW/NW Section 22 T8S R17E

5. Lease Serial No.

UTU66191

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

CANVASBACK UNIT

8. Well Name and No.

BALCRON MON FED 11-22-8-17Y

9. API Well No.

4301331539

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Recompletion
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Subject well had recompleat procedures initiated in the Green River formation on 1/6/05. Existing production equipment was pulled from well. A bit and scraper were run in well. Four new Green River intervals were perforated and hydraulically fracture treated as follows: Stage #1: CP3 sands @ 6318-6328' (4 JSPF) fraced down 2 7/8" N-80 tubing w/38,307# 20/40 sand in 344 bbls Lightning 17 frac fluid. Stage #2: CP.5 sands @ 6166-6172' (4 JSPF) fraced down 2 7/8" N-80 tubing w/29,932# 20/40 sand in 279 bbls Lightning 17 frac fluid. Stage #3: DS2 sands @ 5226-5244' (4 JSPF) fraced down 2 7/8" N-80 tubing w/39,356# 20/40 sand in 338 bbls Lightning 17 frac fluid. Stage #4: PB7 sands @ 4916-4931' (4 JSPF) fraced down 2 7/8" N-80 tubing w/39,267# 20/40 sand in 336 bbls Lightning 17 frac fluid. Fracs were flowed back through chokes. Sand was cleaned from wellbore. New intervals were swab tested for sand cleanup. BHA & production tbg were run and anchored in well w/tubing anchor @ 6159', pump seating nipple @ 6259', and end of tubing string @ 6293'. A new 1 1/2" bore rod pump was run in well on sucker rods. Well returned to production via rod pump on 1/14/05.

RECEIVED

JAN 18 2005

DIV OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)
Martha Warr

Title

Office Manager

Signature

Martha Warr

Date

1/20/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-66191
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: BALCRON MON FED 11-22-8-17Y
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0635 FNL 0658 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 22 Township: 08.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013315390000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/17/2013	<input type="checkbox"/> SPUD REPORT Date of Spud:	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well has been converted from a producing oil well to an injection well on 12/16/2013. Initial MIT on the above listed well. On 12/17/2013 the casing was pressured up to 1635 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10203		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto		PHONE NUMBER 435 646-4874
SIGNATURE N/A		TITLE Water Services Technician
DATE 12/30/2013		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 13, 2014

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 12 / 17 / 13
Test conducted by: Brendan Curry
Others present: _____

Well Name: <u>Bakken Mon Fed 11-22y-0-17</u> Type: ER SWD Status: AC TA UC	
Field: <u>Greater Monument Butte</u>	
Location: <u>11</u> Sec: <u>22</u> T <u>8</u> N <u>8</u> R <u>17</u> E / W County: <u>Duchesne</u> State: <u>UT</u>	
Operator: <u>Newfield exploration company</u>	
Last MIT: <u>1</u> / <u>1</u> / _____	Maximum Allowable Pressure: _____ PSIG

Is this a regularly scheduled test? ☐ Yes ☒ No
Initial test for permit? ☒ Yes ☐ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0/0 psig

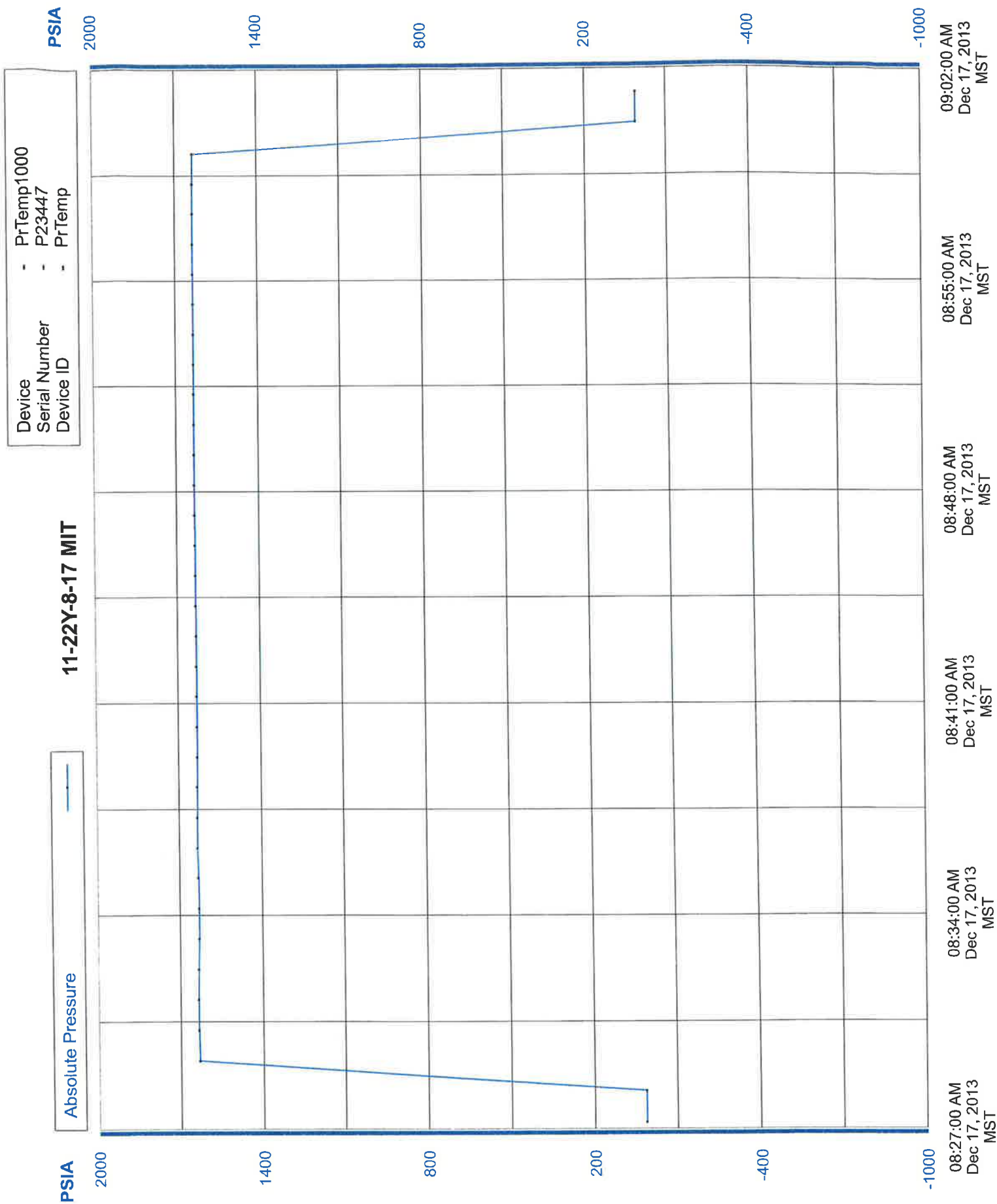
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	PRESSURE		
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
CASING / TUBING	ANNULUS PRESSURE		
0 minutes	<u>1632</u> psig	psig	psig
5 minutes	<u>1631</u> psig	psig	psig
10 minutes	<u>1633</u> psig	psig	psig
15 minutes	<u>1634</u> psig	psig	psig
20 minutes	<u>1635</u> psig	psig	psig
25 minutes	<u>1635</u> psig	psig	psig
30 minutes	<u>1635</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



Daily Activity Report

Format For Sundry

BLCRN MON 11-22Y-8-17

10/1/2013 To 2/28/2014

12/16/2013 Day: 1

Conversion

WWS #7 on 12/16/2013 - MIRU rig rdpu wait untill 12:30 for water truck to arrive - 10:30 road rig 5.4 miles from 3-29-8-17 to 11-22Y-8-17 MIRU rig rdpu wait untill 12:30 for water truck to arrive 12:45 pump 60 bw down csg 1 hr to bleed off tbgunseat pump flush rods w/ 40 bw seat pump - pump 20 bw down tbg did'nt fill out of water - water truck over 1-1/2 hrs out 3:30 LD 1-1/2x22 polish rod 101-4per 7/8", 83-4 per 3/4" swi ready to flush in AM 5:30 sdfn 5:30 - 6:30 crew travel - 10:30 road rig 5.4 miles from 3-29-8-17 to 11-22Y-8-17 MIRU rig rdpu wait untill 12:30 for water truck to arrive 12:45 pump 60 bw down csg 1 hr to bleed off tbgunseat pump flush rods w/ 40 bw seat pump - pump 20 bw down tbg did'nt fill out of water - water truck over 1-1/2 hrs out 3:30 LD 1-1/2x22 polish rod 101-4per 7/8", 83-4 per 3/4" swi ready to flush in AM 5:30 sdfn 5:30 - 6:30 crew travel - 6-7 crew trave; & safety meeting 7 load line on water tank froze up water truck was suppost to be loaded on loc @ 7 AM did not arrive untill 8:10, unload water on HO truck get load line thawed out flush rods w/ 30 bw 9:15 cont LD 60 - 4per 3/4", 6- 1-1/2" wt bars & pump 10:35 x/o to tbg equip NDWH unable to release TAC water truck come in started to unload & broke down unable to get bop backed in due to water truck hot oiler got water truck unloaded NU bop ru tbg equip work tac w/ tongs for 45 min to release 1:10 pu & rih w/ 2 jts EOT @ 6354' - 36' past bottom perf LD 2 jts tooh talling tbg, breaking & green doping EA connection w/ 80 jts 2-7/8" J-55 tbg flushed 1 time w/ 30 bw swi ready to flush tbg Monday morning 5 sdfn 5-6 crew travel - 6-7 crew trave; & safety meeting 7 load line on water tank froze up water truck was suppost to be loaded on loc @ 7 AM did not arrive untill 8:10, unload water on HO truck get load line thawed out flush rods w/ 30 bw 9:15 cont LD 60 - 4per 3/4", 6- 1-1/2" wt bars & pump 10:35 x/o to tbg equip NDWH unable to release TAC water truck come in started to unload & broke down unable to get bop backed in due to water truck hot oiler got water truck unloaded NU bop ru tbg equip work tac w/ tongs for 45 min to release 1:10 pu & rih w/ 2 jts EOT @ 6354' - 36' past bottom perf LD 2 jts tooh talling tbg, breaking & green doping EA connection w/ 80 jts 2-7/8" J-55 tbg flushed 1 time w/ 30 bw swi ready to flush tbg Monday morning 5 sdfn 5-6 crew travel - 10:30 road rig 5.4 miles from 3-29-8-17 to 11-22Y-8-17 MIRU rig rdpu wait untill 12:30 for water truck to arrive 12:45 pump 60 bw down csg 1 hr to bleed off tbgunseat pump flush rods w/ 40 bw seat pump - pump 20 bw down tbg did'nt fill out of water - water truck over 1-1/2 hrs out 3:30 LD 1-1/2x22 polish rod 101-4per 7/8", 83-4 per 3/4" swi ready to flush in AM 5:30 sdfn 5:30 - 6:30 crew travel - 6-7 crew trave; & safety meeting 7 load line on water tank froze up water truck was suppost to be loaded on loc @ 7 AM did not arrive untill 8:10, unload water on HO truck get load line thawed out flush rods w/ 30 bw 9:15 cont LD 60 - 4per 3/4", 6- 1-1/2" wt bars & pump 10:35 x/o to tbg equip NDWH unable to release TAC water truck come in started to unload & broke down unable to get bop backed in due to water truck hot oiler got water truck unloaded NU bop ru

tbg equip work tac w/ tongs for 45 min to release 1:10 pu & rih w/ 2 jts EOT @ 6354' - 36'
past bottom perf LD 2 jts tooh talling tbg, breaking & green doping EA connection w/ 80 jts 2-7/8" J-55 tbg flushed 1 time w/ 30 bw swi ready to flush tbg Monday morning 5 sdfn 5-6 crew travel **Finalized**

Daily Cost: \$0

Cumulative Cost: \$15,067

12/17/2013 Day: 3

Conversion

WWS #7 on 12/17/2013 - Cont tooh talling tbg. TIH pkr assy - test tbg swi ready to check in AM sdfn - 6-7 crew travel & safety meeting 7 flush tbg w/ 30 BW cont tooh talling tbg, breaking & green doping EA connection w/ 65 more jts 2-7/8" J-55 tbg LD 51 jts, 5-1/2" TAC, 3 JTS, SN, 1 jt, NC found hole in jt 185 TIH w/ 2-3/8" WL entry guide, 2-3/8" XN nipple w/ 1.875 profile, 2-3/8" tbg sub, x/over, 5-1/2 AS-1X PKR, 2-7/8" SN, on-off tool, 145 jts 2-7/8" J-55 TBG pump 20 bw drop SV psi test tbg to 3,000 psi w/ 22 bw 1:45 - 2:50 good tbg test ru & rih w/ sand line ret sv pooh & rd sand line mix 20 gall pkr fluid w/ 70 bbls fresh water pump 40 bbls down csg ND bop set pkr @ 4544' for 15,000 # tension, sn @ 4538', xn nipple @4552', eot @ 4554', eot 31' above top perf land tbg w/ injection tree psi test tbg to 1,500 psi w/ 15 more bbls 4:24 - 5:15 lost 100 psi swi ready to check in AM 5:30 sdfn 5:30 - 6:30 crew travel - 6-7 crew travel & safety meeting 7 flush tbg w/ 30 BW cont tooh talling tbg, breaking & green doping EA connection w/ 65 more jts 2-7/8" J-55 tbg LD 51 jts, 5-1/2" TAC, 3 JTS, SN, 1 jt, NC found hole in jt 185 TIH w/ 2-3/8" WL entry guide, 2-3/8" XN nipple w/ 1.875 profile, 2-3/8" tbg sub, x/over, 5-1/2 AS-1X PKR, 2-7/8" SN, on-off tool, 145 jts 2-7/8" J-55 TBG pump 20 bw drop SV psi test tbg to 3,000 psi w/ 22 bw 1:45 - 2:50 good tbg test ru & rih w/ sand line ret sv pooh & rd sand line mix 20 gall pkr fluid w/ 70 bbls fresh water pump 40 bbls down csg ND bop set pkr @ 4544' for 15,000 # tension, sn @ 4538', xn nipple @4552', eot @ 4554', eot 31' above top perf land tbg w/ injection tree psi test tbg to 1,500 psi w/ 15 more bbls 4:24 - 5:15 lost 100 psi swi ready to check in AM 5:30 sdfn 5:30 - 6:30 crew travel

Daily Cost: \$0

Cumulative Cost: \$29,142

12/18/2013 Day: 5

Conversion

Rigless on 12/18/2013 - Conduct initial MIT - Initial MIT on the above listed well. On 12/17/2013 the casing was pressured up to 1635 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10203 - 6-7crew travel & safety meeting 7 thaw out well head sicmp 1650 - good test - rd rig 8:30 road rig - 6-7crew travel & safety meeting 7 thaw out well head sicmp 1650 - good test - rd rig 8:30 road rig - Initial MIT on the above listed well. On 12/17/2013 the casing was pressured up to 1635 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10203 - Initial MIT on the above listed well. On 12/17/2013 the casing was pressured up to 1635 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10203 - 6-7crew travel & safety meeting 7 thaw out well head sicmp 1650 - good test - rd rig 8:30 road rig - 6-7crew travel & safety meeting 7 thaw out well head sicmp 1650 - good test - rd rig 8:30 road rig - Initial MIT on the above listed well. On 12/17/2013 the casing was pressured up to 1635 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10203 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$56,649

Pertinent Files: [Go to File List](#)

Spud Date: 10-25-95
Put on Production: 11-29-95
GL: 5175' KB: 5187'

Balcron Monument Fed. 11-22-8-17Y

Initial Production: 34 BOPD,
NM MCFPD, 39 BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 6 jts. (252.29')
DEPTH LANDED: 262.29'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs class "G", circ, 4 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 150 jts. (6414.2')
DEPTH LANDED: 6424.20'
HOLE SIZE: 7-7/8"
CEMENT DATA: 645 sxs Super "G" & 425 sxs 50/50 POZ
CEMENT TOP AT: 100' per CBL 11/8/05

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 145 jts (4526.1')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4538.1' KB
ON/OFF TOOL AT: 4539.2'
ARROW #1 PACKER CE AT: 4544.3'
XO 2-3/8 x 2-7/8 J-55 AT: 4548'
TBG PUP 2-3/8 J-55 AT: 4548.5'
X/N NIPPLE AT: 4552.6'
TOTAL STRING LENGTH: EOT @ 4554.14'

FRAC JOB

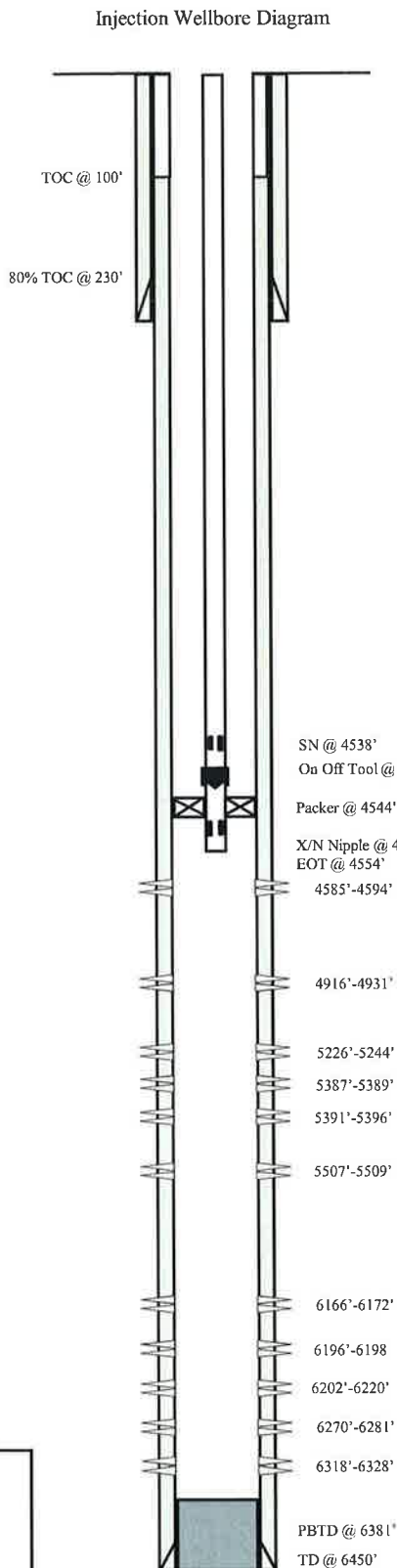
11/10/95	6196'-6281'	BJ-2436 gal 2% KCl pad followed by 17,262 gal w. 39,460# 20/40 & 58,500# 16/30 sand. Flush w/ 6132 gal 2% KCl water. ATP-1950#, ATR-30 bpm, ISIP-2100 psi.
11/13/95	5387'-5509	BJ-2100 gal 2% KCl water pad followed by 11,466 gal 2% KCl gal w/ 23,580# 20/40 & 35,020# 16/30 sand. Flush w/ 5334 gal 2% KCl water. ATP-2850#, ATR-30.5 bpm, ISIP-1800 psi.
11/16/95	4585'-4594'	BJ-2016 gal 2% KCl water pad followed by 10,080 gal 2% KCl gal w/ 53,000# 16/30 sand. Flush w/ 3780 gal 2% KCl water. ATP-2500#, ATR-31 bpm, ISIP-4990. SCREENOUT w/ 16 bbl of flush to go. 672' slurry in casing.
1/18/02		Pump change. Update rod and tubing details.
10/18/02		Tubing Leak. Update rod and tubing details.
8/13/03		Tubing Leak. Update rod and tubing details.
5/13/04		Parted rods. Update rod details.
9/30/04		Parted Rods. Update rod details.
1/11/05	6318'-6328'	Frac CP 3 sands as follows: 38,307# 20/40 sand in 629 bbls Lightning Frac 17 fluid. Treated @ avg press of 4269 psi w/avg rate of 14.2 BPM. ISIP 1600 psi. Calc flush: 1605 gal. Actual flush: 1504 gal.
1/11/05	6166'-6172'	Frac CP.5 sands as follows: 29,932# 20/40 sand in 279 bbls Lightning Frac 17 fluid. Treated @ avg press of 4000 psi w/avg rate of 14.3 BPM. ISIP 1945 psi. Calc flush: 2235 gal. Actual flush: 1503 gal.
1/12/05	5226'-5244'	Frac DS2 sands as follows: 39,356# 20/40 sand in 337.8 bbls Lightning Frac 17 fluid. Treated @ avg press of 3984 psi w/avg rate of 14.2 BPM. ISIP 3180 psi. Calc flush: 1362 gal. Actual flush: 1244 gal.
1/12/05	4916'-4931'	Frac PB7 sands as follows: 39,267# 20/40 sand in 335.6 bbls Lightning Frac 17 fluid. Treated @ avg press of 4148 psi w/avg rate of 14.3 BPM. ISIP 3600 psi. Calc flush: 1972 gal. Actual flush: 1162 gal.
02/14/05		Parted Rods. Update rod and tubing details.
12-18-07		Pump Change. Updated rod & tubing details.
4/3/09		Parted rods. Updated r & t details.
6/22/09		Parted rods. Updated rod & tubing details.
12/16/13		Convert to Injection Well
12/17/13		Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

11/9/95	6270'-6281'	2 SPF	22 holes
11/9/95	6202'-6220'	2 SPF	36 holes
11/9/95	6196'-6198	2 SPF	4 holes
11/13/95	5507'-5509'	2 SPF	4 holes
11/13/95	5391'-5196'	1 SPF	8 holes
11/13/95	5387'-5389'	1 SPF	2 holes
11/15/95	4585'-4594'	4 SPF	36 holes
01/10/05	6318'-6328'	4 JSPF	40 holes
01/10/05	6166'-6172'	4 JSPF	24 holes
01/11/05	5226'-5244'	4 JSPF	72 holes
01/11/05	4916'-4931'	4 JSPF	60 holes

NEWFIELD

Balcron Monument Fed. 11-22Y-8-17
635 FNL & 658 FWL
NW/NW Sec. 22, T8S R17E
Duchesne, County
API# 43-013-31539; Lease# U-66191



LCN 12/19/13

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-66191
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: BALCRON MON FED 11-22-8-17Y
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0635 FNL 0658 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 22 Township: 08.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013315390000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/31/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> The above reference well was put on injection at 9:00 AM on 01/31/2014. EPA # UT22197-10203 </div> <div style="width: 35%; text-align: center;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 10, 2014 </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 2/10/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-66191
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: BALCRON MON FED 11-22-8-17Y
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0635 FNL 0658 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 22 Township: 08.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013315390000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/19/2014 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:
		<input checked="" type="checkbox"/> OTHER	OTHER: W/O MIT Cement Squeeze	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well had workover procedures performed (cement squeeze perms @ 4505-4663'), attached is a daily status report. Workover MIT performed on the above listed well. On 09/19/2014 the csg was pressured up to 1334 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-10203

**Accepted by the
Utah Division of
Oil, Gas and Mining**

FOR RECORD ONLY

October 14, 2014

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/25/2014	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____

Date: 9/19/14Test conducted by: Brendan CurryOthers present: PETE MONTAGUE

Well Name: <u>Bakken Monument Federal</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Greater Monument Butte</u>		
Location: <u>11</u>	Sec: <u>224</u> T: <u>8</u> N: <u>18</u> R: <u>17</u> E: <u>W</u>	County: <u>Duchesne</u> State: <u>UT</u>
Operator: <u>Newfield Production Company</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: <u>910</u>	PSIG

Is this a regularly scheduled test?

☐ Yes ☒ No

Initial test for permit?

☐ Yes ☒ No

Test after well rework?

☒ Yes ☐ No

Well injecting during test?

☐ Yes ☒ No

If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0/0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1337</u> psig	psig	psig
5 minutes	<u>1337</u> psig	psig	psig
10 minutes	<u>1337</u> psig	psig	psig
15 minutes	<u>1336</u> psig	psig	psig
20 minutes	<u>1335</u> psig	psig	psig
25 minutes	<u>1334</u> psig	psig	psig
30 minutes	<u>1334</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☐ No

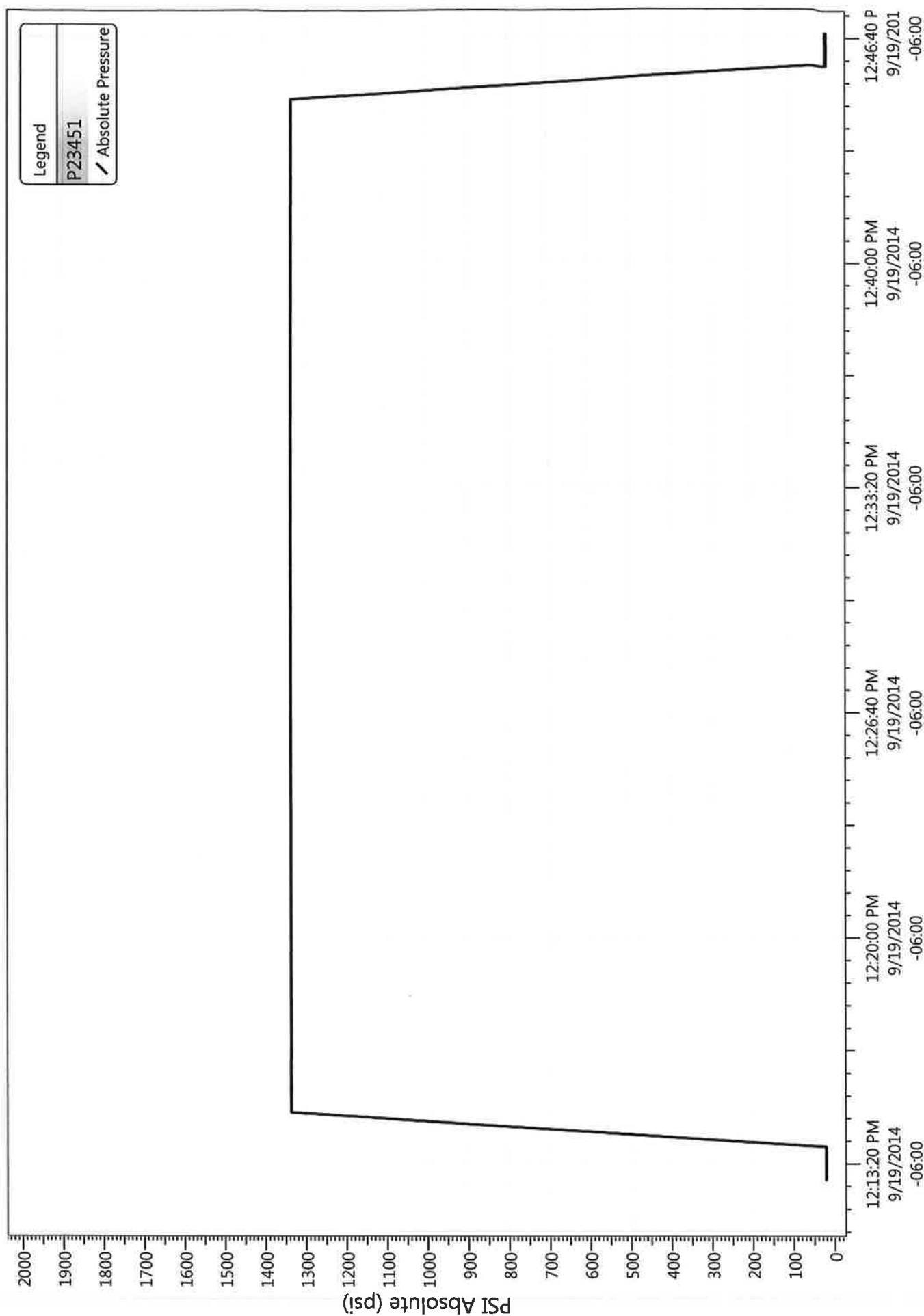
MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

11-22y-8-17 Workover MIT

9/19/2014 12:12:10 PM





Well Name: Blcrn Mon 11-22Y-8-17

Job Detail Summary Report

Jobs		Job Start Date	Job End Date
Primary Job Type		9/12/2014	9/19/2014
Other			

Daily Operations			
Report Start Date	Report End Date	24hr Activity Summary	
9/12/2014	9/12/2014	LOAM TO LOCATION, MIRU	
Start Time	04:00	End Time	05:00
Start Time	05:00	End Time	07:00
Start Time	07:00	End Time	11:00
Start Time	11:00	End Time	13:30
Start Time	13:30	End Time	15:00
Start Time	15:00	End Time	17:30
Start Time	17:30	End Time	18:30
Report Start Date	Report End Date	24hr Activity Summary	
9/15/2014	9/15/2014	RU CEMENT CREW, SQUEEZE PERFS @ 4585-4594'	
Start Time	06:00	End Time	07:00
Start Time	07:00	End Time	11:00
Start Time	11:00	End Time	13:00
Start Time	13:00	End Time	14:00
Report Start Date	Report End Date	24hr Activity Summary	
9/16/2014	9/16/2014	RIG REPAIRS: DRILL OUT CIRC	
Start Time	06:00	End Time	07:00
Start Time	07:00	End Time	08:00
Start Time	08:00	End Time	11:00
Start Time	11:00	End Time	15:30
Start Time	15:30	End Time	16:30
Report Start Date	Report End Date	24hr Activity Summary	
9/17/2014	9/17/2014	CONTINUE TO DRILL OUT CEMENT	
Start Time	06:00	End Time	07:00



Well Name: Blcrn Mon 11-22Y-8-17

Job Detail Summary Report

Sundry Number: 55981 API Well Number: 43013315390000

Start Time	07:00	End Time	11:30	Comment
				CHK PRESS ON WELL 420 PSI, TIH W/ TBG TAG CEMENT @ 4513 RU GRACO POWER CLEAN OUT 41' OF CEMENT AS FOLLOWS 4513-4518 5 MIN 30 SEC, 4518-4523 4 MIN 20 SEC, 4523-4528 5 MIN, 4528-4533 6 MIN 20 SEC, 4533-4538 4 MIN 20 SEC 4538-4543 3 MIN 20 SEC, 4543-4554 4 MIN 10 SEC RETURNS LAST 15' WAS NOT COMPLETELY SET UP CERC WELL PUH TO 4231 PRESS UP WELL TO 750 PSI LET CEMENT SET OVER NIGHT SWIFN
Start Time	11:30	End Time	12:30	Comment
				CREW TRAVEL GRACO POWER SWIVEL
Report Start Date	9/18/2014	Report End Date	9/18/2014	24hr Activity Summary
				CLEAN OUT REST OF CEMENT & PRESS TEST
Start Time	06:00	End Time	07:00	Comment
				CREW TRAVEL & SAFETY MTG
Start Time	07:00	End Time	12:00	Comment
				CHK PRESS ON WELL 700 PSI TIH W/ TBG & 4 3/4 ROCK BIT TAG CEMENT @ 4554 RU GRACO POWER SWIVEL CLEAN OUT 44' OF CEMENT TO 4598' FELL THROUGH CEMENT CONT CLEANING TO 4660 CERC WELL CLEAN LD 1JT PRESS UP WELL TO 1500 PSI GET GOOD TEST @ 11:30 TIH CERC SAND OFF RBP @ 4663
Start Time	12:00	End Time	16:30	Comment
				TOOH LD CHOBB BIT, PU & TIH W/ RETRIVING HEAD & TBG TAG RBP @ 4663 CERC WELL CLEAN LATCH ON TO & RELEASE RBP, TOOH W/ RBP LD RBP
Start Time	16:30	End Time	19:00	Comment
				PU & TIH W/WIRE LINE REENTRY TOOL, XN NIPPLE, 4' X 2 3/8 PUP JT, X-OVER/AS-1 PKR, ON OFF TOOL, PSN & 155 JTS, EOT @ 4875 PUMP 10 BBL PAD DROP SV PRESS UP TBG TO 3000 PSI CHECK IN AM SWIFN
Start Time	19:00	End Time	20:00	Comment
				CREW TRAVEL
Report Start Date	9/19/2014	Report End Date	9/19/2014	24hr Activity Summary
				GET TEST ON TBG & TEST CSG & PKR CONDUCT MIT
Start Time	06:00	End Time	07:00	Comment
				CREW TRAVEL & SAFETY MTG
Start Time	07:00	End Time	10:00	Comment
				CHK PRESS ON TBG 3000 PSI BLEED DOWN TBG, RU SAND LINE FISH SV, ND BOPS LAND TBG W/ INJ TREE, PUMP 65 BBLs FRESH WATER & PKR FLUID, SET AS-1 PKR W/ 15000 TENSION LAND TBG W/ INJ TREE W/ PSN @ 4826.03, PKR CE @ 4833.25, EOT @ 4842.32
Start Time	10:00	End Time	14:00	Comment
				PRESS UP CSG TO 1400 PSI WAIT ON MIT GET MIT RDMO Workover MIT performed on the above listed well. On 09/19/2014 the casing was pressured up to 1344 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-10203

NEWFIELD

Schematic

Well Name: Blcrn Mon 11-22Y-8-17

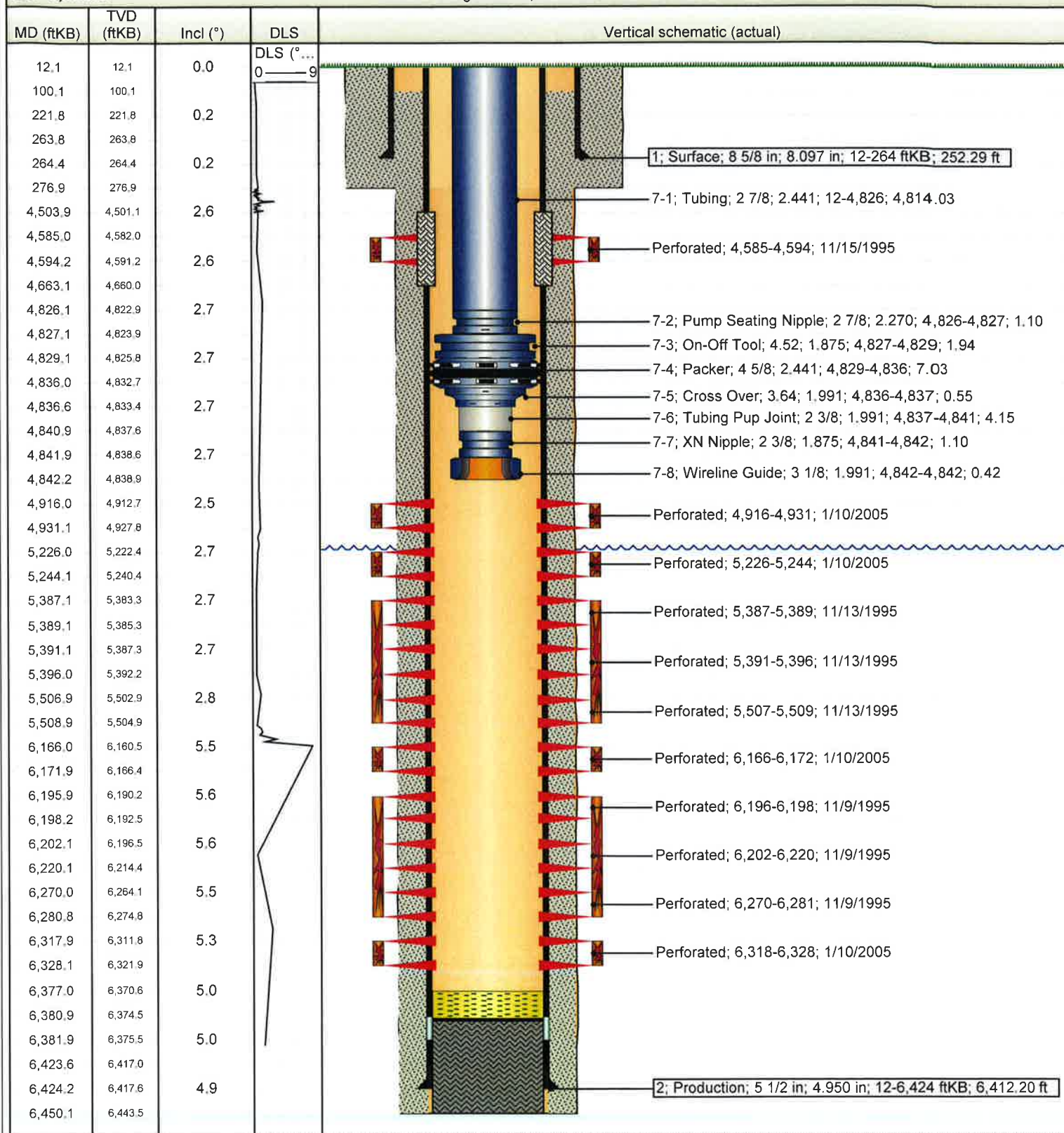
Surface Legal Location 22-8S-17E		API/UWI 43013315390000	Well RC 500151700	Lease	State/Province Utah	Field Name GMBU CTB7	County DUCHESNE
Spud Date	Rig Release Date	On Production Date 11/29/1995	Original KB Elevation (ft) 5,187	Ground Elevation (ft) 5,175	Total Depth All (TVD) (ftKB)	PSTD (All) (ftKB) Original Hole - 6,381.0	

Most Recent Job

Job Category Production / Workover	Primary Job Type Other	Secondary Job Type N/A	Job Start Date 9/12/2014	Job End Date 9/19/2014
---------------------------------------	---------------------------	---------------------------	-----------------------------	---------------------------

TD: 6,450.0

Vertical - Original Hole, 9/23/2014 11:30:27 AM



NEWFIELD**Newfield Wellbore Diagram Data
Blcrn Mon 11-22Y-8-17**

Surface Legal Location 22-8S-17E		API/UWI 43013315390000		Lease	
County DUCHESNE	State/Province Utah	Basin		Field Name GMBU CTB7	
Well Start Date 10/25/1995		Spud Date		Final Rig Release Date 11/29/1995	
Original KB Elevation (ft) 5,187	Ground Elevation (ft) 5,175	Total Depth (ftKB) 6,450.0		Total Depth All (TVD) (ftKB)	
				PBTD (All) (ftKB) Original Hole - 6,381.0	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	10/26/1995	8 5/8	8.097	24.00	J-55	264
Production	11/6/1995	5 1/2	4.950	15.50	J-55	6,424

Cement**String: Surface, 264ftKB 10/26/1995**

Cementing Company BJ Services Company	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 277.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 2% CCL + 1/4#/SK CelloSeal	Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

String: Production, 6,424ftKB 11/6/1995

Cementing Company BJ Services Company	Top Depth (ftKB) 100.0	Bottom Depth (ftKB) 6,450.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 3% GEL+ 3#/SK POZ+ 34#/SK BA-91+ 3#/SK KOL SEAL+ 1/4#/SK CELLOSEAL	Fluid Type Lead	Amount (sacks) 645	Class SUPER G	Estimated Top (ftKB) 100.0
Fluid Description 2% GEL+ 1/4#/SK CELLO SEAL+ 2#/SK KOL SEAL	Fluid Type Tail	Amount (sacks) 425	Class 50/50 POZ	Estimated Top (ftKB) 3,175.0

String: Production, 6,424ftKB 9/15/2014

Cementing Company Pro Petro	Top Depth (ftKB) 4,504.0	Bottom Depth (ftKB) 4,663.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description Neat "G" cmt .2% cfl 115, Slurry Wt. P.P.G. - 15.8, Slurry Yield FT3 - 1.15, Water Gal./Sk - 5	Fluid Type Squeeze	Amount (sacks) 125	Class G	Estimated Top (ftKB)

Tubing Strings

Tubing Description		Run Date			Set Depth (ftKB)		
Tubing		9/12/2014			4,842.3		
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)
Tubing	154	2 7/8	2.441	6.50	J-55	4,814.03	12.0
Pump Seating Nipple	1	2 7/8	2.270		J-55	1.10	4,826.0
On-Off Tool	1	4.515	1.875			1.94	4,827.1
Packer	1	4 5/8	2.441			7.03	4,829.1
Cross Over	1	3.635	1.991		L-80	0.55	4,836.1
Tubing Pup Joint	1	2 3/8	1.991		L-80	4.15	4,836.7
XN Nipple	1	2 3/8	1.875			1.10	4,840.8
Wireline Guide	1	3 1/8	1.991		J-55	0.42	4,841.9

Rod Strings

Rod Description		Run Date			Set Depth (ftKB)		
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date
Fill	6,377	6,381	5/13/2004	

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (*)	Nom Hole Dia (in)	Date
3	GB, Original Hole	4,585	4,594				11/15/1995
4	PB 7, Original Hole	4,916	4,931	4			1/10/2005
4	DS 2, Original Hole	5,226	5,244	4			1/10/2005
2	D2, Original Hole	5,387	5,389				11/13/1995
2	D2, Original Hole	5,391	5,396				11/13/1995
2	C, Original Hole	5,507	5,509				11/13/1995
4	CP0.5, Original Hole	6,166	6,172	4			1/10/2005
1	CP, Original Hole	6,196	6,198	2			11/9/1995
1	CP, Original Hole	6,202	6,220	2			11/9/1995
1	CP, Original Hole	6,270	6,281	2			11/9/1995
4	CP3, Original Hole	6,318	6,328	4			1/10/2005

NEWFIELD

Newfield Wellbore Diagram Data
Blcrn Mon 11-22Y-8-17

**Stimulations & Treatments**

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,100	0.783	31.0	2,590			
2	1,900	1.77	32.0	4,560			
3	4,990		31.3	5,020			
4	1,660	0.69	14.3	4,683			
5	1,945	0.75	14.3	4,400			
6	3,180	1.04	14.6	4,550			
7	3,600	1.17	14.6	4,670			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 96960 lb
2		Proppant White Sand 58600 lb
3		Proppant White Sand 53000 lb
4		Proppant White Sand 38307 lb
5		Proppant White Sand 38307 lb
6		Proppant White Sand 39356 lb
7		Proppant White Sand 39267 lb